

# GRAIN DEALERS' JOURNAL

Published on the 10th and 25th of each month by the Grain Dealers Company.

Vol. VIII. No. 5.

CHICAGO, ILL., MARCH 10, 1902.

FIVE CENTS PER COPY.  
ONE DOLLAR PER YEAR.

**E. R. ULRICH & SONS**  
SHIPPERS OF CHOICEST  
**MILLING CORN, White and Yellow**  
(NO WHEAT)  
SPRINGFIELD ILLINOIS  
Elevators along the lines of the following  
railroads in Central Illinois: Wabash, C.&A.,  
I. C., C. P. & St. L., and Pawnee R. R.

**W. H. SMALL & Co.**  
RECEIVERS AND SHIPPERS  
**GRAIN, SEEDS AND HAY,**  
Office, 7 and 9 Upper 1st Street,  
EVANSVILLE, IND.  
Warehouses, Belt R.R., cor. Penna. & Bellevue Sts.

**McCray, Morrison & Co.**  
KENTLAND, IND.  
Shippers of... **CORN** CLIPPED AND  
NATURAL OATS  
Our Special Brand of White Oats is  
a favorite wherever tried.  
Grain Warehouses at Kentland, Wolcott, Remington, Ind., and Effner, Ill.

**The Illinois Seed Co.**  
SEED MERCHANTS  
We buy and sell all kinds of field seed.  
When in the market to buy or sell  
write us.  
236-242 Johnson St. ... CHICAGO.

Established, 1882.  
**Franke Grain Company**  
GRAIN, HAY AND MILL FEED  
41 and 42 Chamber of Commerce, MILWAUKEE, WIS.  
We buy Grain and Hay F.O.B. Stations.  
Please write for bids.

**KINGSLEY McCALLUM & CO.**  
Hay and Grain Brokers  
JACKSONVILLE, - FLA.  
When you have anything to offer in this  
line, quote us delivered prices.

**DUDLEY M. IRWIN**  
BARLEY  
BOARD OF TRADE BUILDING  
BUFFALO, N. Y.

**EDWARD P. MERRILL,**  
Grain Broker,  
PORTLAND, ME.

**DANIEL McCAFFREY'S SONS,**  
Leading Hay Dealers,  
PITTSBURG, PA.  
Etab. 1867. Reference, Duquense Nat'l Bank  
CONSIGNMENTS SOLICITED.

**E. A. GRUBBS GRAIN CO.**  
GREENVILLE, O.  
Car lots any road. Want to correspond  
with dealers on Pan-Handle,  
Vandalia and T. P. & W. Can at  
times use divided cars.

O. Z. Bartlett B. G. Ellsworth H. H. Peterson  
**L. Bartlett & Son Co.,**  
GRAIN COMMISSION MERCHANTS  
23 Chamber of Commerce  
Branch Houses:  
CHICAGO, MINNEAPOLIS Milwaukee

**L. F. MILLER & SONS,**  
Receivers and Shippers of  
Grain, Feed, Seeds, Hay, etc.  
CONSIGNMENTS SOLICITED.  
Office, 2933 N. Broad St., PHILADELPHIA, PA.  
Elevator and Warehouse,  
Germantown Jct., P. R. R.

Chamber of Commerce, Merchants' Exchange,  
Detroit, Mich. Decatur, Ill.  
**BURKS GRAIN & ELEVATOR CO.**  
Successors to C. A. BURKS & CO.  
**RECEIVERS and SHIPPERS**  
MEMBERS  
Decatur Merchants Exchange, Detroit Board of Trade,  
Illinois Grain Dealers Association,  
Grain Dealers National Association.

**McLANE, SWIFT & CO.**  
Successors to G. L. McLane & Co.  
Buyers of Wheat, Corn, Natural and  
Clipped Oats, Choice Rye.  
Write for bids—your track.  
Grain Elevators on Grand Trunk Railway.  
BATTLE CREEK, MICH.

**R. S. McCAGUE**  
COMMISSION MERCHANT AND WHOLESALE DEALER IN  
**GRAIN, HAY AND MILL FEED,**  
PITTSBURG, PA.

## COMPLETE EQUIPMENTS FOR GRAIN ELEVATORS OF ANY CAPACITY.

CONVEYING, ELEVATING AND POWER TRANSMITTING MACHINERY

ROPE TRANSMISSIONS. CALDWELL HELICOID CONVEYOR. The Only Perfect Spiral Conveyor

Our new Catalog No. 26 (440 pages, cloth bound), will be sent upon request.

Eastern Sales & Engineering Office, 410-95 Liberty St., New York, N. Y.  
Southeastern Sales & Engineering Office, 411 Prudential Bldg., Atlanta, Ga.  
Southwestern " " " 202 Trust Bldg., Dallas, Tex.

**H. W. CALDWELL & SON CO.,**  
Western Ave., 17th-18th Sts., CHICAGO, ILL.



# The GRAIN DEALERS JOURNAL.

## REGULAR GRAIN RECEIVERS OF TOLEDO.

Established 1877.  
F. W. Rundell. J. E. Rundell.  
**W. A. RUNDELL & CO.**  
Grain and Seed Merchants.  
We buy, delivered Toledo or f. o. b. your station.  
Personal attention to consignments and trades  
in "futures." Daily market letter free.  
Correspondence solicited.  
Room 33, Produce Exchange, Toledo, Ohio.

J. F. ZAHM F. W. JAEGER FRED MAYER  
**J. F. ZAHM & CO.**  
GRAIN and SEEDS TOLEDO, O.  
We make a specialty of handling consignments. Transient buyers and farmers need not write us.  
MEMBERS: ESTABLISHED 1879  
Toledo Produce Exchange, Chicago Board of Trade, New York Produce Exchange.

Be Friendly. Estab. 1846 Write Occasionally.  
**C. A. KING & CO.**  
TOLEDO, OHIO.  
Grain and Clover Seed, spot and futures.  
Special Market and Crop Reports Free.  
MEMBERS: Toledo Produce Exchange.  
Chicago Board of Trade.

**The Toledo Salvage Co.**  
DEALERS IN  
**GRAIN,**  
Grain and Merchandise Salvage  
Toledo, Ohio

S. C. REYNOLDS. C. L. REYNOLDS. F. J. REYNOLDS.  
**REYNOLDS BROS.**  
GRAIN AND SEEDS  
24, 25 & 26 Produce Exchange, TOLEDO, O.  
Offer us your grain and seeds: consign it,  
or ASK FOR BIDS.

DETROIT.  
Established, 1880,  
**C. E. BURNS**  
Grain Buyer and Shipper,  
OATS, RYE and BEANS  
DETROIT, MICH.

## REGULAR GRAIN RECEIVERS OF BUFFALO.

**WHITNEY-ECKSTEIN SEED CO.,**  
BUFFALO.  
Wholesale Seed and  
Grain Merchants.  
Invite offers for spot and future delivery of  
Grass and Field Seeds and Grain. Can use  
tailings containing seeds. Advances made  
on consignments.

Have you any  
**Red or White Wheat**  
to sell or consign? If so, write Watkins  
& Anderson, 82 Board of Trade, Buffalo,  
N. Y., for best bids.

**DAMAGED GRAIN  
WANTED.**  
I buy damaged grain of all kinds. Write or  
wire me.  
**WM. B. GALLAGHER,**  
72 Pearl Street, Buffalo, N. Y.

Correspondence Invited. Consignments Solicited  
**W. W. ALDER**  
BROKERAGE  
and COMMISSION  
81 Merchants' Exchange, BUFFALO, N. Y.  
All kinds of Grain and Feed  
Write for Buffalo Market Letter

MEMPHIS.  
**John Wade & Sons,**  
GRAIN BUYERS AND DEALERS  
Members Merchants' Exchange.  
MEMPHIS, TENN.

CAIRO.  
**H. L. Halliday Milling Co.,**  
WHEAT, CORN AND OATS  
CAIRO, ILL.  
Elevator Capacity 500,000 Bushels.

## REGULAR GRAIN RECEIVERS OF ST. LOUIS.

**DANIEL P. BYRNE & CO**  
SUCCESSORS TO  
Redmond Cleary Com. Co.  
Established 1854. Incorporated 1887.  
**Grain, Hay and Seeds,**  
Chamber of Commerce, ST. LOUIS, MO.

Chas. W. Stanton. Le Baron Lyons.  
**Stanton & Lyons,**  
GRAIN COMMISSION.  
Correspondence Invited.  
Room 132,  
Merchant's Exchange St. Louis, Mo.

T. P. Baxter, Pres. F. A. Roennigke, Sec.  
James Parrott, V. Pres. Trave Elmore, Treas.  
**PARROTT-BAXTER GRAIN CO.**  
COMMISSION,  
GRAIN, HAY AND SEEDS.  
Telephone, Main 533 A.  
Chamber of Commerce. ST. LOUIS, MO.

## REGULAR GRAIN RECEIVERS OF BALTIMORE.

**The William Hopps Grain & Hay Co.**  
Buyers, Receivers and Shippers  
GRAIN, HAY AND FEED STUFFS.  
Advances made on consignments. Hay and  
Ear Corn Wanted.  
SPEARS WHARF, BALTIMORE, MD.

**THOS. H. BOTTS & CO.**  
Commission Merchants  
Grain, Seeds, Flour  
Liberal Advances Made on Consignments.  
214 Spears Wharf. 213 Patterson St.  
Baltimore, Md.

**Chas. England & Co.**  
COMMISSION MERCHANTS  
GRAIN, HAY, SEEDS  
32 South Holiday Street BALTIMORE, MD.

INDIANAPOLIS.  
PHONE NO. 80.  
**THE BASSETT GRAIN CO.**  
INDIANAPOLIS, IND.  
Rooms 33 and 35 Board of Trade.

MINNEAPOLIS.  
**GRAIN...** Make advances  
on bills lading.  
**The Van Dusen-Harrington Co.**  
COMMISSION,  
MINNEAPOLIS and DULUTH.  
Sell by sample and make prompt returns.

**HEYWOOD MFG. CO.,**  
MANUFACTURERS OF  
Envelopes,  
PAPER  
BOXES,  
Cereal Shells  
and  
PRINTING.  
MINNEAPOLIS.  
MINN.  
Write us for  
Samples and Prices.



MILWAUKEE.  
M. G. RANKIN C. B. PIERCE  
**M. G. RANKIN & CO.**  
Grain and Feeding Stuffs, Jersey  
Malt Sprouts, Oil Meal, Bran,  
Midds, Mixed Feed.  
Correspondence Solicited.  
62 Mitchell Bldg. 420 Guaranty Bldg.  
MILWAUKEE, WIS. MINNEAPOLIS, MINN.

DULUTH. CHICAGO.  
**E. A. BROWN & CO.**  
Grain Commission,  
WHOLESALE COAL  
MINNEAPOLIS, MINN.  
Consignments Solicited.  
Prompt Returns Guaranteed.



## REGULAR GRAIN RECEIVERS OF CHICAGO.

### IF YOU APPRECIATE

Honest Work, Good Treatment  
and Prompt Returns, Consign  
Your Grain to

**CALUMET GRAIN AND ELEVATOR COMPANY**  
CHICAGO.

Arthur Sawers in charge of receiving business.

### GERSTENBERG & CO.

GRAIN AND SEEDS **COMMISSION MERCHANTS** BARLEY A SPECIALTY

Try them and you will be pleased.

253-261 LA SALLE ST., CHICAGO, ILL.

H. A. DREISKE, G. R. HINNERS.

**DREISKE & HINNERS,**  
**COMMISSION MERCHANTS,**  
DEALERS IN GRAIN AND HAY,  
Elston Avenue and Blackhawk St., CHICAGO.  
Telephone West 386.

MINNEAPOLIS MILWAUKEE

**W. A. FRASER,**  
**GRAIN COMMISSION**

Choice Oats a specialty. Orders executed for  
future delivery.

Royal Insurance Bldg. CHICAGO

M. ROSENBAUM, Pres. E. L. GLASER, Sec.-Treas.

### ROSENBAUM BROTHERS

Receivers and Shippers.

Correspondence Solicited.

Room 77 Board of Trade Building,  
CHICAGO, ILL.

### JAMES P. SMITH & CO.

**GRAIN MERCHANTS**

417-418 Rialto Building CHICAGO.

**CONSIGNMENTS SOLICITED**

Orders in futures carefully executed.

## A.C. CURRY & CO.

COMMISSION MERCHANTS.

**GRAIN, SEEDS, PROVISIONS**

65 Board of Trade Building,

**CHICAGO.**

Established 1865.

### L. EVERINGHAM & Co.,

**COMMISSION - MERCHANTS.**

Specialties:— Grain and Seeds of all kinds by  
sample upon their merits.

Consignments solicited; correspondence invited.

SUITE 80 BOARD OF TRADE, CHICAGO, ILL.

Henry Hemmelgarn.

Philip H. Schiffin.

### H. HEMMELGARN & CO.

**COMMISSION MERCHANTS.**

Grain, Seeds and Provisions.

Rooms, 317, 318, 319 Rialto Bldg., CHICAGO.

Consignments solicited. Correspondence invited.

### POPE & ECKHARDT CO.

**COMMISSION MERCHANTS**

GRAIN, SEEDS AND PROVISIONS

317-321 WESTERN UNION BUILDING

138 Jackson St., CHICAGO

W. F. JOHNSON

GEO. A. WEGENER

### W. F. JOHNSON & CO.

**GRAIN, SEED AND PROVISION**  
**COMMISSION MERCHANTS**

59 Board of Trade, Chicago.

Branch Offices: Minneapolis, St. Louis, Milwaukee

Long Distance Phone Harrison 3658

## VAN NESS & WILSON

609-610 Rialto Building, Chicago

**Grain and Provisions**

Solicit Your Account

Members:  
CHICAGO BOARD OF TRADE.

Reference:  
CORN EXCHANGE NAT'L BANK.

MINNEAPOLIS

ST. LOUIS

MILWAUKEE

**L.H. Hanson & Co.**  
**GRAIN & PROVISIONS**

LONG DISTANCE TEL. 54-55-56 BOARD OF TRADE  
HARRISON 1925 CHICAGO

Consignments and future orders intrusted to us  
will receive the best attention.

H. M. PAYNTER IN CHARGE OF CASH GRAIN DEPARTMENT.

Members Chicago Board of Trade.

WRITE FOR OUR DAILY MARKET LETTER  
J. H. WARE  
E. F. LELAND

CONSIGN  
YOUR GRAIN AND SEEDS AND  
SEND YOUR ORDERS TO

**WARE & LELAND**

200-210 Rialto Building,  
CHICAGO.

For GRAIN, PROVISIONS,  
STOCKS AND  
COTTON.

YOUR INTERESTS ARE OUR INTERESTS.

ESTABLISHED 1870

**GRAIN,  
SEEDS, HAY, MILLFEED  
AND PROVISIONS**

**Mumford & Co.**  
CASH AND FUTURES.

CHICAGO, 528-532 Rialto Building  
MINNEAPOLIS, 23 Chamber of Commerce  
KANSAS CITY, 605 Board of Trade  
MILWAUKEE, 113 Michigan St.  
ST. LOUIS, 60 LaCade Bldg.



## CHICAGO GRAIN RECEIVERS—CONTINUED.

**J. Rosenbaum Grain Company**  
**GRAIN, SEEDS AND PROVISIONS**  
 Bought and Sold for Future Delivery.  
 Hoxie Building, FT. WORTH, TEX.      Rialto Building, CHICAGO, ILL.  
 Correspondence solicited.

**RUMSEY, LIGHTNER & CO.,**  
**COMMISSION MERCHANTS**  
**GRAIN, FEED, PROVISIONS, SEEDS.**  
 MAIN OFFICE: 226 La Salle St. CHICAGO  
 Branch Offices: Minneapolis, Milwaukee, Peoria.  
*Make all drafts on Main Office.*

**MILMINE, BODMAN & CO.**  
**GRAIN DEALERS**  
 Receivers, Shippers and Exporters,  
 Also Stock and Bond Brokers.  
 5 & 7 BOARD OF TRADE, CHICAGO.  
 New York Office, 401 Produce Exchange.

**ARMOUR GRAIN CO.**  
**GRAIN** BUYERS DEALERS  
 205 LA SALLE ST., CHICAGO.

**E. W. WAGNER**  
**COMMISSION**  
**Grain and Provisions**  
 709 Rialto Bldg., CHICAGO  
 Personal attention given to speculative accounts and  
**CONSIGNMENTS OF GRAIN**  
 Daily market letter mailed free upon application.

**Bartlett, Frazier & Co.**  
**GRAIN**  
 Western Union Bldg., Chicago.

**W. H. MERRITT & CO.**  
**Grain Buyers & Shippers**  
 CORRESPONDENCE SOLICITED.  
 234 La Salle St., CHICAGO, ILL.

*Lowell Hoyt & Co.*  
*Commission*  
*Grain Hay & Seeds*  
*211 Royal Insurance Bldg.*  
*Chicago.*

**SAM FINNEY**  
 WITH  
**CHURCHILL & Co.,**  
 Commission Merchants,  
 715 Board of Trade  
 CHICAGO, ILL.  
 My Personal attention given consignments      Your orders for cash and futures solicited

**C. H. MATTHIESSEN, President.**  
**CHAS. L. GLASS, Treas. and Secy.**

**S. T. BUTLER, Vice President.**

**The Glucose**  
**Sugar Refining**  
**Company,**

General Offices,  
 The Rookery,

**CHICAGO, ILL.**

**FACTORIES:**

CHICAGO  
 PEORIA  
 ROCKFORD

ILL.

MARSHALLTOWN } IA.  
 DAVENPORT }

The world's largest consumers of Corn. Daily consumption, **100,000 bushels.** We are always in the market for corn, and confine our bids to regular grain dealers. Write or wire us when you wish to sell.

**JOS. P. GRIFFIN, Mgr. Grain Dept.**

**GRAIN** **GEO. W. KERR** **STOCKS**  
**PROVISIONS** **COMMISSION MERCHANT** **BONDS**  
 Member Chicago Board of Trade      Rialto Bldg. CHICAGO

ESTABLISHED 1862

**Weare Commission Company**

**Grain, Seeds and Provisions,**  
**Stocks, Bonds and Securities**

**Old Colony Building**  
**CHICAGO**

Private wires to all points

**ST. JOSEPH.**

**C. A. DAYTON GRAIN CO., St. Joseph, Mo.**  
 Members of Chicago, Kansas City and St. Joseph Board of Trade

**GRAIN BUYERS AND SHIPPERS.**  
 Option orders executed on any market.  
 We solicit your correspondence.

**KANSAS CITY.**

**Ernst-Davis Grain Co.,**  
 Board of Trade, KANSAS CITY, MO.

Solicit consignments and orders for the Kansas City market. Satisfaction guaranteed.

Jno. S. Carpenter, Pres. M. R. Montague, Vice-Pres.  
 H. A. Leland, Sec'y and Treas.  
**MONTAGUE & COMPANY,**  
 Successors to Montague, Barrett & Co.  
**COMMISSION MERCHANTS,**  
 Flour, Grain, Millstuffs, Consignments and Options.  
**6 and 8 Sherman St. CHICAGO, ILL.**  
 Established 1871. Correspondence solicited.

**Robinson's Telegraphic**  
**Cipher Code (Revised)**

Is more extensively used by Grain  
 and Provision Dealers and Millers

than all other codes combined. It is compact, small and can be easily carried in the pocket. It has been revised and fifteen pages added. Every cipher word, quotation and phrase in former editions has been retained. Get the latest edition; by using it your messages will be understood, you will save time and expense. Price, bound in leather, gilt edges, \$2.00; cloth binding, \$1.50. Your name in gilt letters on front cover 25 cents extra.

**GRAIN DEALERS COMPANY**  
 255 La Salle St. CHICAGO, ILL.

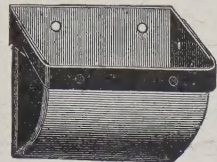
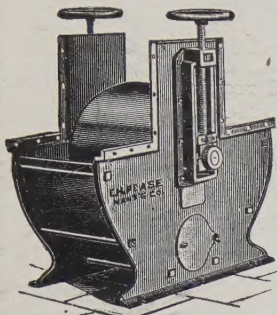
**HAD GOOD RESULTS,**

Siebers Bros., Buckley, Ill.: "Discontinue our adv., as we have sold the engine. Have had many inquiries."

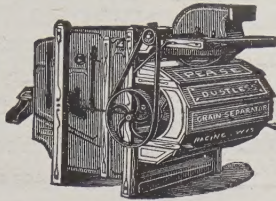


Write **MARSEILLES MFG. CO., Marseilles, Ill.** For Catalog and Prices of . . .

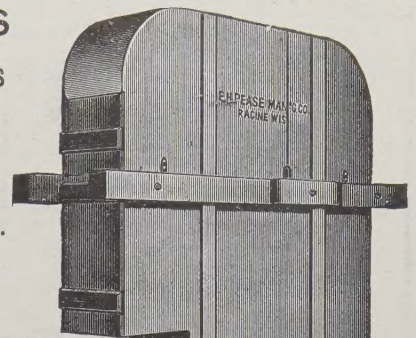
## ELEVATOR MACHINERY AND SUPPLIES



ELEVATOR CUPS OF ALL SIZES AND KINDS.



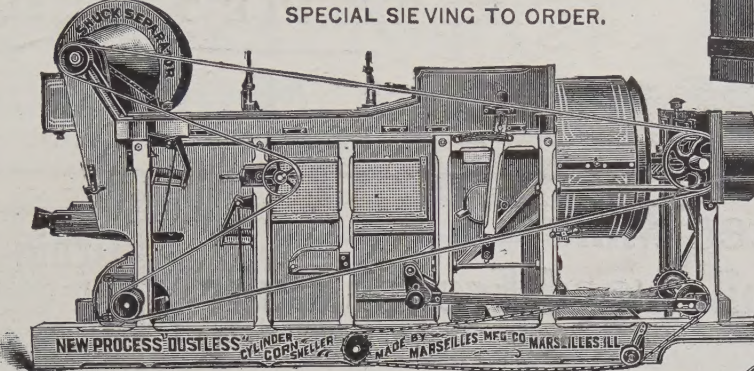
Fanning Mills AND Warehouse Cleaners of Every Description.



SPECIAL SIEVING TO ORDER.

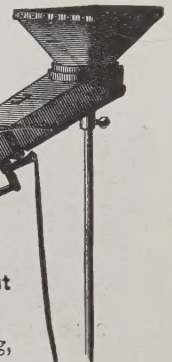


BOOTS EITHER WOOD STEEL or CAST IRON.



New Process Corn Shellers and Cleaners.

Heads, Distributing Spouts, Indicators



Flexible Spouts For Loading Cars.

FURNISHED EITHER AS

Combined or Separate Machines Also with or without HUSK SEPARATING ATTACHMENT.

Motive Power and Power Transmitting Appliances, Including,

STEAM ENGINES  
BOILERS AND PUMPS  
GASOLINE ENGINES  
HORSE POWERS

SHAFTING  
WOOD PULLEYS  
IRON PULLEYS  
HANGERS

PILLOW BLOCKS  
SET COLLARS  
SPROCKET WHEELS  
FRICTION CLUTCHES

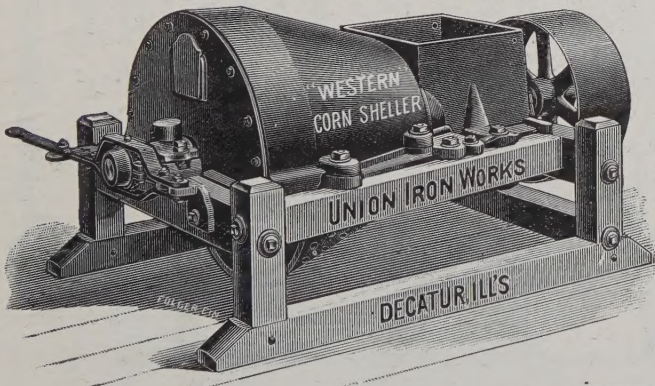
JAW CLUTCHES  
COUPLINGS  
GEARING  
TIGHTENERS

BELTING

CHAIN  
RUBBER  
COTTON  
LEATHER

## THE "WESTERN" WAREHOUSE CORN SHELLER

IMPROVED, WITH ADJUSTING LEVER

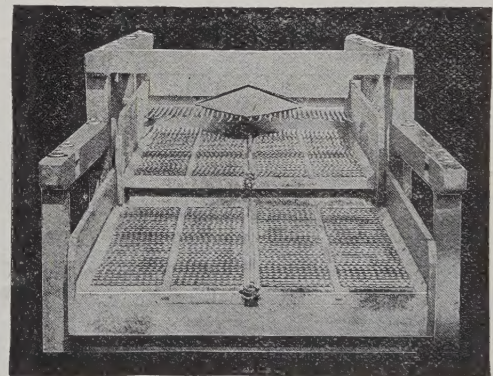


Patented Feb. 13, 1900.

Adjust cylinder while running.

No Delay.

Made in eight sizes. No grain elevator complete without this Sheller. Can be adjusted to all kinds and conditions of corn.



End View.

## THE "WESTERN" SHAKER CLEANER

Adjustable Screens

Separates CORN from COB and CLEANS WHEAT OR OATS THOROUGHLY without changing screens.

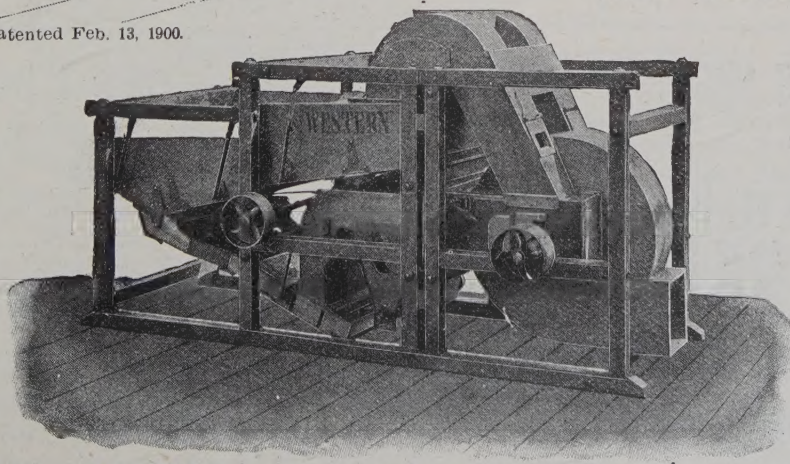
Write for full particulars and description to

**UNION IRON WORKS**

Sole Manufacturers

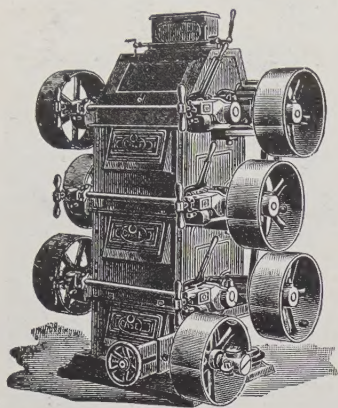
DECATUR, ILLINOIS

Grain Elevators and Elevator Machinery a specialty. Plans made on application by a licensed architect.



Side View.





**If You are Still in Doubt**  
Ask any operator, he will tell you.

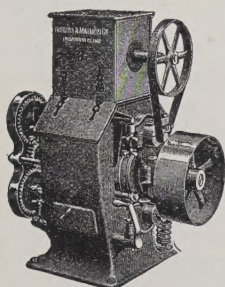
**SIMPLEST IN  
CONSTRUCTION.  
MOST DURABLE.  
MOST ACCURATE  
WORK.  
FINEST FINISH.**

The automatic Vibratory Feed requires no attention and never fails to spread the stock evenly the entire length of the rolls.

The Feed can be stopped or started by means of a tightener on feed belt without stopping the roller mill.

### MILL AND ELEVATOR SUPPLIES

**The Case Manufacturing Co.,**  
Columbus, Ohio.



3 Roll-2 Break Mill

## Feed Mills Roller and French Buhr.

For Durability, Simplicity, Large Capacity, Uniform Grinding and Light Running, our Mills are Unexcelled.

**WE  
MAKE**

THREE ROLL-TWO BREAK MILLS—2 sizes,  
THREE PAIR HIGH-6 ROLLER MILLS—4 sizes,  
TWO PAIR HIGH-4 ROLLER MILLS—5 sizes,  
And 85 Sizes and Styles of BUHR STONE MILLS.

Send for Catalog and Prices.

**NORDYKE & MARMON CO.,**

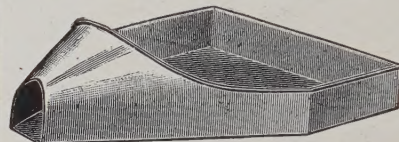
FLOUR MILL BUILDER S.

ESTAB. 1851.

37 Day St., INDIANAPOLIS, IND.

## Grain Sample Pan

For Examining Samples of Grain and Seeds



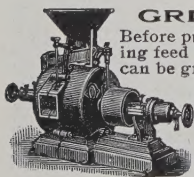
Made of Alluminum. The lightest pan made, will not Rust or Tarnish, always stays bright.  
Grain Size, 2¼x12x16½ ins. .... \$1.25  
Seed Size, 1½x9x11 ins. .... \$1.00  
Grain Dealers Co., 255 La Salle St., Chicago, Ill.

## Table of Legal Weights

This table shows the legal weights in pounds per bushel of grain and grain products, etc., as provided for by law. This book is well bound in a strong cloth cover. Price 50 cts.

For sale by

**GRAIN DEALERS CO.,**  
255 La Salle St. CHICAGO, ILL.



## GRINDING MILLS.

Before purchasing a mill for grinding feed or meal, or anything that can be ground on a mill, write us for catalog and discounts. Guaranteed and shipped on trial.

Manufacturers of French Burr Mills, Corn Shellers, Crushers, and full line of Flour Mill Machinery.

SPROUT, WALDRON & CO., Drawer H, MUNOY, PA.



## EASY TO HANDLE

### Willford's Light-running Three-roller Mills

Are not only easy to handle, but grind the most feed for power consumed of any feed grinder made. Send for circulars and prices.

**Willford Manufacturing  
Co., 303 So. Third St., MINNEAPOLIS, MINN.**

## DO YOU WANT A FEED MILL?

If so write for Catalog and Prices of . . .

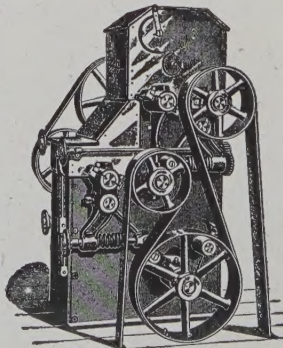
## Northways 4 and 6 Roller CORN and FEED MILLS

The Lightest Running Mill on the Market.

ELEVATOR MACHINERY AND SUPPLIES.

**Strong & Northway Mfg. Co.**

MINNEAPOLIS, MINN.



ROLL CORRUGATING A SPECIALTY.

## Vest Pocket Grain Tables

Clark's Vest Pocket Grain Tables reduce pounds to bushels on any number of pounds from 10 to 100,000.

It is printed in two colors, red and black. The red figures show the pounds and the black the bushels and pounds.

The tables show the following reductions:  
Oats at 32 lbs.; Corn, Rye and Flaxseed at 56 lbs.; Wheat, Clover Seed, Beans, Peas and Potatoes at 60 lbs.; Barley and Hungarian Seed at 48 lbs.; Ear Corn at 70 lbs.; Ear Corn at 75 lbs.; Ear Corn at 80 lbs.; Timothy Seed at 45 lbs.

These tables are bound in tough paper and form a thin book, 2¾-in. wide by 8¼-in. long. Price 50 Cents. Address

**GRAIN DEALERS COMPANY**

255 LaSalle St., CHICAGO, ILL.



# SOMETHING NEW.

## THE "EUREKA" DOUBLE SHOE COMPOUND MOTION, TWO-FAN SEPARATOR

Is the steadiest running; has greater capacity and has better air separations than any machine on the market. Construction and finish unequalled.



WE BUILD THIS STYLE MACHINE ENTIRELY OF IRON AND STEEL.

The New Improved "EUREKA" Oat Clipper | "EUREKA" Wheat Washing Whizzing and Drying System

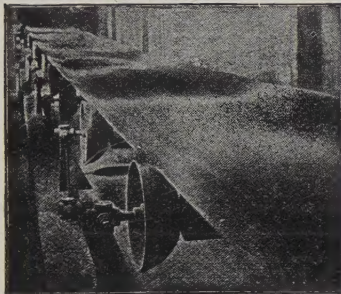
Has greater capacity with minimum shrinkage. Large wide shoe. Most clipping surface. Built entirely of iron and steel.

Unequaled for efficiency on smutty and off grade wheats.

**THE S. HOWES COMPANY** Eureka Works, Est. 1856  
SILVER CREEK, N. Y.

NEW YORK OFFICE, 32 Broadway; CHICAGO OFFICE, 11 Traders Bldg.; MINNEAPOLIS OFFICE, 5 Chamber of Commerce; H. E. FURNAS, Spencer House, Indianapolis, Ind.; J. N. HEATER, Savoy Hotel, Kansas City, Mo.; E. E. HUNTER, 1423 Webster Ave., St. Louis, Mo.

## GRAIN ELEVATOR MACHINERY.



GRAIN CONVEYOR.

Grain Trippers, Car Pullers, Spouting, Belt Conveyors, Wagon Dumps, Shafting, Pulleys, Gearing, Friction Clutches, Rope Sheaves, Link Belting, Sprocket Wheels, etc.

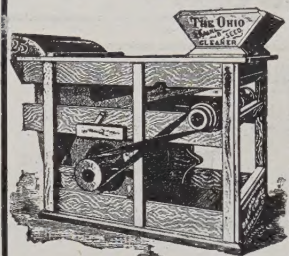
Send for Catalogue No. 25.

**LINK-BELT MACHINERY CO.,**

Engineers, Founders, Machinists,  
CHICAGO, U. S. A.

## The "OHIO"

Grain and Seed Cleaner



From 50 to 1,000 Bushels per Hour Capacity.

Sold on Its MERITS.

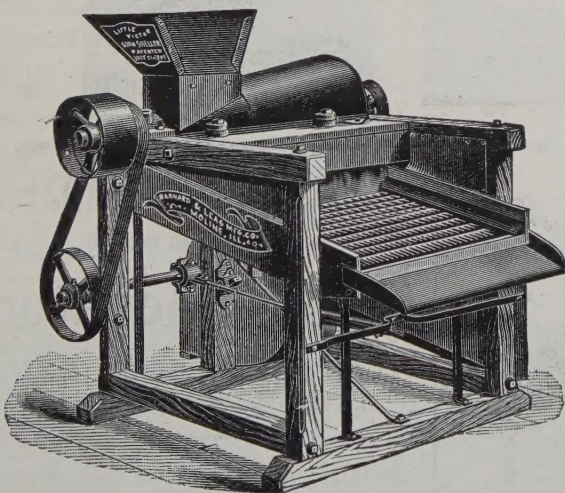
Machines sent on 30 days' trial.

It will clean any seed or grain that grows. Get our Catalog of Hand and Power machines.

**BEELMAN CABINET CO.**  
36 Columbus St., Cleveland, O.

# Little Victor Combined Corn-Sheller and Cleaner.

MADE TO MEET THE REQUIREMENTS OF ALL WANTING A MACHINE OF MODERATE CAPACITY BUT STRONG AND DURABLE



It is provided with Cornwall's Patent Sieves, and is without doubt the best combined Sheller and Cleaner of its size on the market.

We also make Barnard's Perfected Separators, the Victor Corn-Sheller, the Cornwall Corn-Cleaner, Willford Light-Running Three-Roller Feed Mill, Barnard's two and three pair high Feed Mills, and a complete line of Scourers, Oat Clippers, etc.

We make or supply

Elevator Heads, Elevator Boots (either wood or cast iron). Distributing Spouts, Turn Heads, Indicators, Flexible Spouts for Loading Cars, Elevator Buckets, Belting—Chain, Leather, Cotton, Rubber. ♡ ♡ ♡ ♡ ♡  
Everything needed in the Elevator Line.

**BARNARD & LEAS MFG. CO.**

Builders of Elevators and Elevator Machinery  
MOLINE, ILL.



## GRAIN ELEVATOR BUILDERS.

YOUNGLOVE & BOGGESS COMPANY  
MASON CITY, IOWA.

Contractors, Designers and Builders of Grain Elevators

WRITE US FOR IDEAS AND ESTIMATES.

Manufacturers Agent and Jobber of Elevator and Power Transmission Machinery and Supplies.

## W. S. CLEVELAND ELEVATOR BUILDING COMPANY

INCORPORATED

Capital Stock, \$100,000 MINNEAPOLIS, MINNESOTA

General Contractors and Builders

OUR SPECIALTY:

GRAIN ELEVATORS -- Frame, Iron Clad, or Absolutely Fire Proof

## PLANS

of up-to-date elevators furnished upon short notice by

W. H. CALDWELL,

Elevator Builder,

1018 Royal Ins. Bldg.

CHICAGO, ILL.

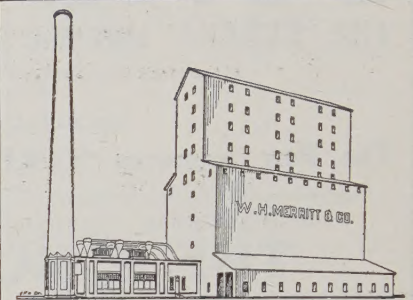
## P. H. PELKEY

Contractor and Builder of

Grain Elevators.

REPAIRING and REMODELING A SPECIALTY.  
Plans and estimates furnished.

WINFIELD, KANSAS.

THE SECKNER CO.,  
Designers and Builders of GRAIN ELEVATORSContracts taken for all kinds of heavy Work. Estimates furnished if desired.  
801 Illinois Bank Bldg., 115 Dearborn St.  
CHICAGO

## READ THIS

My 1901 catalog is ready for delivery. We are also ready to do your work, prepare your plans, build your elevators, furnish your supplies, etc. Send complete lists of supplies wanted and get our bid on entire bill. Send for catalog.  
WILLIAM W. LOCKWOOD  
Mechanical Expert, Engineer and Elevator Furnisher  
Winfield, KansasReliance Mfg. Co.  
LARGEST  
ELEVATOR BUILDERS

In the State. We build up-to-date elevators cheaply and quickly. Investigate our system of handling grain before you decide on plans. We may have just what you want. We also manufacture the

RELiance GRAIN CLEANERS

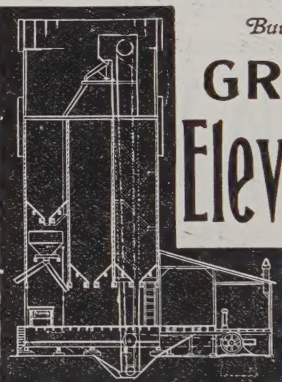
and carry a full line of Elevator Supplies.

1521-1523 Bates St., INDIANAPOLIS, IND.

ELEVATOR PLANS  
OF ANY CAPACITY. WRITE FOR PRICES.  
AUSTIN B. HAYES, INDIANAPOLIS, IND.ECONOMY PITLESS  
WAGON  
SCALESSTEEL JOISTS METAL FRAME  
SCALE COMPLETE EXCEPT THE SEVEN  
PLANK FOR FLOORING  
MCDONALD BROS. PLEASANT HILL, MO

## HONSTAIN, BIRD &amp; CO.

Builders of

GRAIN  
Elevators307 South  
Third Street,  
Minneapolis,  
MINN.

TELEPHONE NO. 2680 L.

## B. S. CONSTANT CO.

BLOOMINGTON, ILL.

## DESIGNERS OF GRAIN ELEVATORS

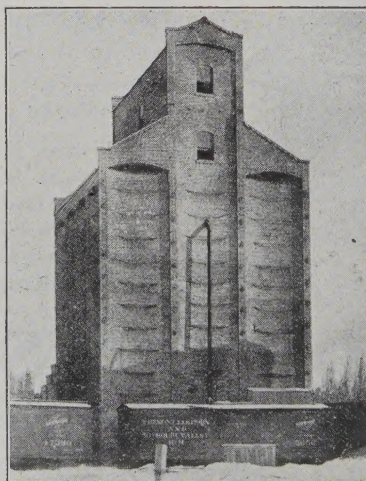
Send for plans and estimates, also reduced price on CONSTANT'S PATENTED CHAIN GRAIN FEEDER. Agents and manufacturers of all kinds of elevator supplies. Write at once.

## Grain Register

For Country Buyers is designed to facilitate the work of keeping a record of weights and number of bushels in wagon loads of grain received. Each page is 8 1/2 x 14 inches and at the top of the columns are printed Date, Name, Article, Gross and Tare, Number of Pounds, Number of Bushels, Price, Amount, Bin Number, and Remarks. Each page has spaces for 26 wagon loads and each book contains 100 pages, making each book contain spaces for records of 2,600 loads. The book is well printed on linen ledger paper, ruled in four colors and substantially bound in leather covers.

PRICE - - \$1.25.

For Sale by

GRAIN DEALERS COMPANY,  
10 Pacific Ave., CHICAGO, ILL.

## S. H. TROMANHAUSER,

Designer and Builder

Grain Elevators

FIREPROOF BRICK CONSTRUCTION A SPECIALTY

Country or Terminal Elevators in  
Any Design or Capacity.

WRITE FOR PLANS AND ESTIMATES.

805-6 Phoenix Building,  
MINNEAPOLIS, - - MINN.



# GRAIN ELEVATOR BUILDERS.

## E. Lee Heidenreich,

541 ROOKERY, CHICAGO  
DESIGNER AND BUILDER  
OF GRAIN ELEVATORS  
MONIER CEMENT TANKS A SPECIALTY

## Macdonald Engineering Co.,

DESIGNERS AND BUILDERS OF  
GRAIN ELEVATORS  
Monadnock Bldg. CHICAGO, ILL.

## John S. Metcalf Co.

ELEVATOR  
BUILDERS  
804 THE TEMPLE  
Plans and Specifications a Specialty. CHICAGO

## WE BUILD

Nothing but first-class, modern country elevators.

G. T. BURRELL & CO.  
Monadnock Block, CHICAGO, ILL.

We have built this season fourteen first-class, modern country elevators

## IN ILLINOIS

## IF YOU INTEND TO BUILD A GRAIN ELEVATOR

You will profit by examining my plans of conveniently arranged houses. I study to economize space, labor and power. Complete elevators of any capacity built under one contract.

M. J. TRAVIS, ATCHISON, KAN.

# FIREPROOF STORAGE

Does away with the fire hazard and pays for itself  
by saving insurance premiums.

We build Grain Elevators of every description.

## BARNETT & RECORD CO.

MINNEAPOLIS, MINN.

## E. A. BRYAN

DESIGNER AND BUILDER OF

## Steel Grain Elevators and Steel Storage Tanks

of every description

WRITE FOR ESTIMATES

4642 Drexel Blvd., - - - CHICAGO, ILL.

## G. T. HONSTAIN,

Successor to Honstain Bros.  
Contractor and Builder of  
GRAIN ELEVATORS  
313 THIRD STREET, SOUTH,  
MINNEAPOLIS, - MINN.

## L. O. HICKOK

517 Guaranty Loan Bldg., Minneapolis, Minn.  
BUILDER OF UP-TO-DATE  
GRAIN ELEVATORS  
Thirty years' experience. Get my estimates.

## FRED GROTENRATH,

111 W. WATER ST., MILWAUKEE, WIS.  
Designer and Builder of Grain Elevators.  
Plans, Specifications and Estimates furnished  
on short notice.  
Write for prices on Grain Elevator  
Machinery and Supplies.

## Rubber Elevator Belting

The Best, Made by

Boston Woven Hose & Rubber Co.  
185-187 Lake St., CHICAGO

## Steel Storage & Elevator Construction Co.

BUILDERS OF

## Fire Proof Steel Grain Elevators

BUFFALO, NEW YORK

Send for illustrated catalog on fire proof steel grain elevators.

## MODERN POWER TRANSMISSION ENGINEERING

exemplified with typical installations in each issue of

## Power and Transmission

(American Edition — English Edition)

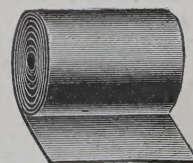
Of special interest to those contemplating mill or factory improvements.  
Sample copy free. Address:

THE DODGE MANUFACTURING CO., MISHAWAKA, IND., U.S.A.  
MANUFACTURING ENGINEERS.

BRANCHES—Boston; New York; Chicago; Cincinnati; Atlanta; London, Eng.

## BELTING

FOR  
CONVEYORS  
AND  
ELEVATORS  
ALSO  
Fire Hose,  
Packing, etc.



We furnished the belting for the Pioneer Steel Elevator. Let us figure with you.

GUTTA PERCHA & RUBBER MFG. CO.,  
96-98 LAKE ST., CHICAGO.  
BROWN & MILLER, Managers.



**GRAIN ELEVATOR SUPPLIES.****Grain  
Elevator  
Machinery**

ENGINES  
BOILERS  
AND  
SUPPLIES

Write for Estimates.

**DES MOINES MFG. &  
SUPPLY CO., 101 E. Court Av.  
DES MOINES, IA.**

**Link-Belt Supply Co.**

MINNEAPOLIS, MINN.

A Full Line of ELEVATOR Machinery  
In STOCK for PROMPT SHIPMENT

Steam and Gasoline Engines, Horse Powers,  
Grain Shovels, Buckets, ROPE DRIVES

WRITE US

**GRAIN  
ELEVATOR  
MACHINERY**

Cleaning Machinery  
Corn Shellers and Cleaners  
Trippers, Car Pullers  
Belt Conveyors  
Power Grain Shovels

ELEVATOR SUPPLIES  
Belting, Buckets, Leads and Boots,  
Conveyors, Scales, Etc.

**GREAT WESTERN MFG. CO.**

General Office and Factory,  
LEAVENWORTH, KANS.

Send for Catalog No. 40

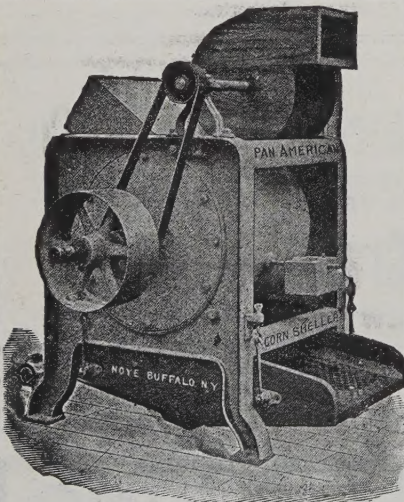
Warehouse and Salesroom,  
KANSAS CITY, MO.

**ELEVATOR  
MACHINERY**

GAS AND STEAM ENGINES,  
BOILERS AND SUPPLIES.

WRITE FOR ESTIMATES.

**H. L. THORNBURGH & Co.**  
245-7 S. JEFFERSON ST.  
CHICAGO, ILL.

**HERE IT IS****PAN-AMERICAN  
Corn Sheller**

This is the only machine that will  
shell different sized ears—large  
and small, short and long—and  
shell them clean.

Capacity from 50 to 100 bushels of shelled  
corn per hour. It separates the cobs and  
light stuff from the corn.

It is durable and very compact.  
Send for description and price.

**NOYE MANUFACTURING CO.**  
BUFFALO, N. Y.

**GRAIN  
CONTRACT  
BOOK**

This book is designed especially for country  
grain men to use in taking written contracts  
from farmers. The contracts are numbered  
in duplicate, two on a page, with perforation  
between for easily tearing apart. The stub is  
signed by farmer certifying that he has sold  
..... bushels of ..... at ..... per bushel  
to be delivered on or before ..... It also  
certifies that he has received ..... dollars  
on the contract. The other part is signed by  
elevator man and given to farmer. It certi-  
fies that the elevator man has bot so much  
grain, etc.

Each book contains 50 contracts, printed on  
linen paper, size 3½x10½ inches.

You can not afford to be without these con-  
tracts as they insure delivery of grain bot,  
prevent losses and worry in making settle-  
ments. Book No. 9, Price 50 cents. Address

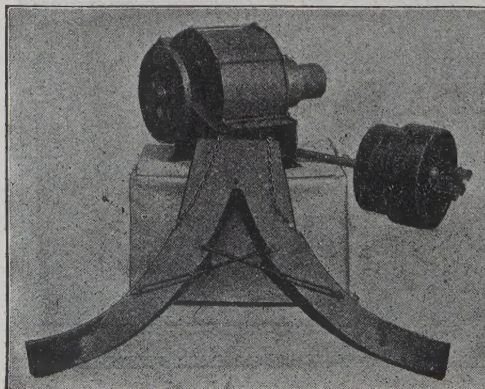
**Grain Dealers Co.**  
10 Pacific Ave. Chicago, Ill.

**Gate City  
GRAIN TICKETS  
Book No. 51.**

This scale book contains 100 pages 8x11½  
inches. Each page contains 5 scale tickets  
and 5 stubs, giving the book a capacity of 500  
loads of grain. Each scale ticket is ruled for  
Number, Date, Load of, From, To, Gross,  
Tare and Net pounds, Net bushels and pounds,  
Dollars and Cents, Due to or order and  
Weigher. While the stub is ruled for Hauler,  
Load of, Number, From, To, Weighed, Date,  
Gross, Tare and Net pounds, Net.... bushels,  
.... pounds, Price, Dollars and Fees.

It is printed on manila paper, bound in  
heavy board covers and pages are perforated  
so that tickets can be removed from book  
quickly and without tearing them.

Book No. 51, Price 75 cents. Address  
**Grain Dealers Company,**  
10 Pacific Ave., Chicago.

**BOSS  
CAR LOADERS**

LOAD MORE GRAIN, IN LESS  
TIME AND WITH LESS POWER,  
THAN ANY OTHER LOADER MADE

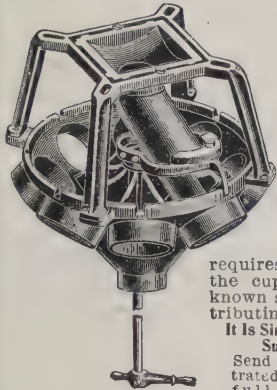
Loads both ends of car  
at once. Sold on a  
positive Guarantee.

**MAROA MFG. CO.**  
MAROA, ILL.



## GRAIN ELEVATOR SUPPLIES.

### ECONOMY OF SPACE



Is an important feature in elevator machinery.

The HALL Automatic Overflow Signalling Grain Distributor

requires less room in the cupola than any known system of distributing grain.

It is Simple, Accurate, Substantial.

Send for new illustrated booklet with full description.

**HALL DISTRIBUTOR CO.,**  
No. 222 First Nat'l Bank Bldg.,  
OMAHA, NEB.

### THE GERBER IMPROVED DISTRIBUTING SPOUT

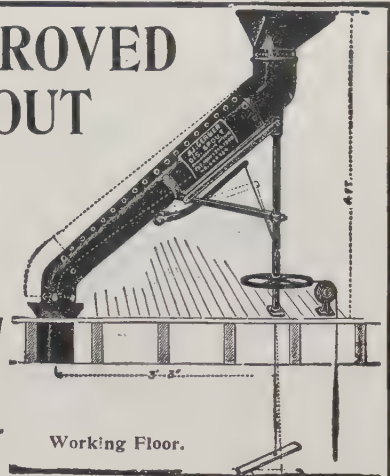
Is the leading spout on the market. It is simple in construction, and will prevent the mixing of grain.

Pat. May 15, 1900; Feb. 18, 1902.

BEWARE OF INFRINGEMENT.

Elevator Spouting a Specialty

**J. J. GERBER**  
MINNEAPOLIS, MINN.



Working Floor.

### Automatic Sprinkler Tanks and Gasoline Tanks a Specialty

Let Us Figure With You

**WM. BROS**

Proprietor

Nicollet Island Steam Boiler Works

OFFICE AND WORKS

Nicollet Island, MINNEAPOLIS, MINN.

### DAMP WHEAT

is dried and made merchantable in the

### Hess Pneumatic Grain Drier

cheaper and faster than in any other device.

It dries other grains just as well.

**Hess Warming & Ventilating Co.**  
707 Tacoma Building  
CHICAGO

### SALES, SHIPMENTS and RETURNS BOOK

is invaluable to the country grain man in keeping record of his sales, shipments and returns from the shipments made. Its use will save much time and book work. The pages are 10 1/4 x 16 1/2 inches, used double. The left-hand pages are ruled for information regarding **SALES** and **SHIPMENTS**; the right-hand pages for **RETURNS**. Under **SALES** the column headings are Date, Amount Sold, Price, Grain, Terms. Under **SHIPMENTS** are Date, Car Number and Initial, Our Weights, In Bushels, Grade, Route, Rate. Under **RETURNS** are Destination, Grade, Difference, Bushels, Over, Short, Gross Proceeds, Freight, Over, Short, Commissions, Other Charges, Total Charges, Net Proceeds, Drafts, Remarks.

No. 14 contains 48 pages with room for records of about 1,400 carloads. It is bound with leatherette covers and printed on good paper. Price \$1.50.

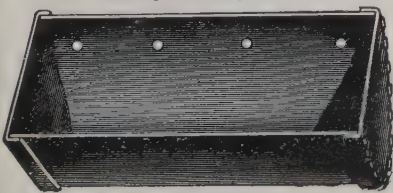
No. 14 AA contains 76 pages, with room for records of over 2,200 cars. It is well bound in heavy canvas covers with leather corners, and printed on linen ledger paper. Price \$1.75.

FOR SALE BY

**GRAIN DEALERS COMPANY**  
255 LaSalle St., CHICAGO, ILL.

### ELEVATOR BUCKETS

The Fuller Patent Steel Bucket is stronger, will carry more and make better delivery than any other.



MADE BY

**Cleveland Elevator Bucket Co.,**  
Cleveland, Ohio.

The grain trade's accepted medium for "Wanted" and "For Sale" ads. is the GRAIN DEALERS JOURNAL of Chicago, because such ads. placed in it bring quick returns.

## GRAIN ELEVATOR MACHINERY

OF THE MOST APPROVED KIND

**SKILLIN & RICHARDS MFG. CO.**

Rope Transmission  
Link Belting  
Sprocket Wheels  
Pulleys, Hangers, Etc.  
Salem Elevator Buckets

Steel Plate Friction Clutches  
Rubber, Leather and Cotton Belting  
Spiral and Belt Conveyors  
Elevator Bolts and Washers

Makers of the

**BURRELL ENGINES**

For Gas and Gasoline

Strong and Economical

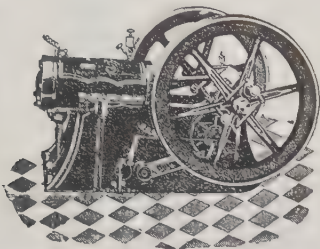
SEND FOR OUR NO. 2 CATALOG

241-245 S. Jefferson Street  
CHICAGO, ILL.



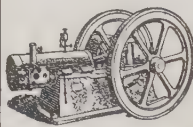
## POWER FOR GRAIN ELEVATORS.

## Power for Every Class of Work.



The Waterloo Gasoline Engine Co., Waterloo, Ia.  
Branch Houses: David Bradley & Co.,  
Council Bluffs, Iowa; Bradley, Clark &  
Co., Minneapolis, Minn.

## ROBINSON'S IMPROVED ENGINE



MANUFACTURED BY THE  
DES MOINES GAS  
ENGINE COMPANY  
DES MOINES, IA.

If in need of power write  
us and we will make  
prices right

THE LAMBERT GAS AND  
GASOLINE ENGINE.

It will please you if  
you give it a trial, and  
that is all there is to  
it. Write for catalog  
and prices. Lambert  
Gas and Gasoline En-  
gine Co., Anderson, Ind.

## Gas Engine Books

Operators of gasoline engines who encounter  
difficulties in the care or operation of gas and  
gasoline engines will find each of the following  
books of great assistance.

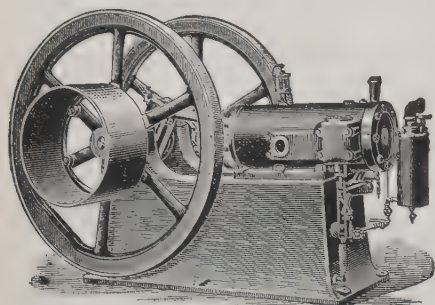
THE PRACTICAL GAS ENGINEER,  
by E. W. Longanecker, M. D., Price, \$1.00.

THE GAS AND GASOLINE ENGINE,  
by Norman & Hubbard, Price, \$1.00.

THE GAS ENGINE HANDBOOK,  
by E. W. Roberts, Price, \$1.50.

For any of the above address,

Grain Dealers Co.,  
255 La Salle St. Chicago, Ill.

Original LEWIS  
Gasoline Engines

MOST POPULAR AND RELIABLE FOR  
GRAIN ELEVATORS, WATER  
WORKS, ELECTRIC PLANTS

Volume Governor, Double Exhaust, Air  
Adjustment to Regulate Mixture

GOLD MEDAL WORLD'S FAIR—1893  
TWO GOLD MEDALS, OMAHA—1899

J. Thompson & Sons Mfg. Co. Beloit, Wis.

BUSHEL  
VALUES

Shows at a glance the cost of any number  
of bushels and fractional pounds from 1 to  
1,500 bushels, of any kind of grain from 15,  
16 cents, up to \$1.04 per bushel.

Bushels are shown in red figures, and  
values in black. The price per bushel being  
given at top of value columns.

It is conveniently arranged and easily un-  
derstood. Printed on good paper and bound  
in heavy paper cover. Price 50 Cents.  
Address

GRAIN DEALERS COMPANY  
255 LaSalle St., CHICAGO, ILL.

THEIR  
AD Brought Business

C. P. & J. LAUSON, Milwaukee, Wis.:

Please discontinue our ad. of engines  
for sale in the Journal. Our ads in your  
Journal were very effective.

The Practical  
Gas Engineer

By E. W. LONGANECKER, M. D.

A manual that tells what a Gas or Gaso-  
line Engine is; How to Purchase a Gas or  
Gasoline Engine; How to Install the Engine;  
How to Operate it; How to Care for it;  
What to do when it gets Stubborn, and  
How to do it. In short, just how to handle  
it successfully and all about it.

This book contains all the practical points  
needed by a purchaser, owner or operator  
of a Gas or Gasoline Engine. The book  
contains 130 pages, and every paragraph is  
numbered.

The index is complete, occupying thirteen  
pages. In it every point regarding Gas and  
Gasoline Engines is listed alphabetically.  
The page and paragraph numbers are given  
which enables the user readily to find the  
information desired.

This book is just out and is strictly  
up-to-date. You can not afford to be with-  
out it. It is of convenient size, printed on  
book paper and neatly bound in cloth.

Price \$1. For Sale by

GRAIN DEALERS COMPANY,  
255 La Salle Street, CHICAGO.

## HOWE SCALES AND HOWE ENGINES

Can you get anything better?

Can you get anything as good?

INVESTIGATION WILL DETERMINE.

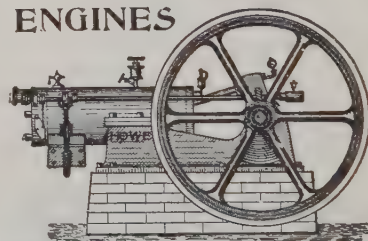
Grain Testers, Grain Scoops, Bag Holders, Car  
Starters, Conveying and Elevating Machinery.

## CATALOGS.

The Ball-Bearing Scale.



St. Louis, Kansas City,  
Minneapolis, Cleveland.



1 to 60 H. P.

Wagon, Dump, Hopper  
and Grain Scales.

Double or Compound Beams

Steel Frames.

Borden & Selleck Co., Chicago, Ill.

THE VILTER MFG. CO. 836 CLINTON ST.,  
MILWAUKEE, WIS.

IMPROVED

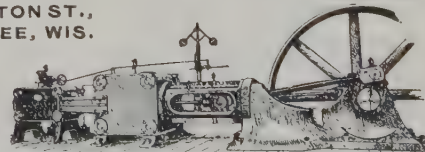
## Corliss Engines

BOILER, HEATERS and PUMPS.

"EASY" CAR PUSHER, \$5.00

Perfect device.

Order one on trial.



## SCALES FOR ALL PURPOSES.

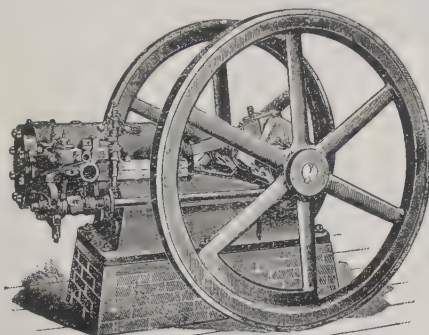


Before you buy see the most up-to-date  
scales on the market. Compound beams,  
weighing all on the beams; steel levers,  
steel frames; concrete walls. Pivot bearings  
and every modern appliance, with no objection-  
able features. High-class scales our specialty. Introductory prices where we  
have no agents.  
Mention this paper

FAIRWEIGHT STANDARD SCALE CO., Danville, Ill.



## POWER FOR GRAIN ELEVATORS.



### "NEW ERA" GAS AND GASOLINE ENGINES.

Easy to start; easy to operate;  
heavy and substantial; high grade;  
thoroughly guaranteed; electric or  
tube igniter.

Sizes, 5 to 60 H. P.

If interested write for particulars to  
The New Era Iron Works Company,  
No. 86 Dale Ave., DAYTON, OHIO.

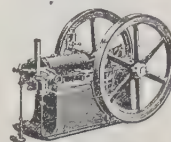
### BRUNNER ELEVATOR ENGINE

FOR GRAIN ELEVATORS.

From 1 to 30 H. P.

Write for descriptive circular.

CHARLES BRUNNER, Mfr.,  
Peru, Ill.

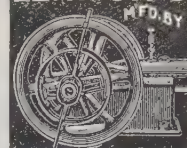


### LENNOX GAS ENGINE

MFD. BY LENNOX MACH. CO.

MARSHALLTOWN, IA.

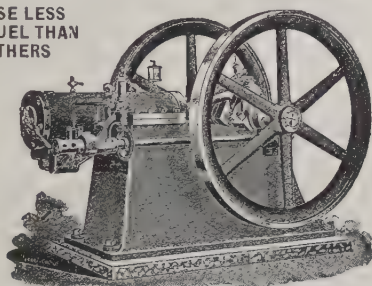
WRITE FOR CATALOGUE



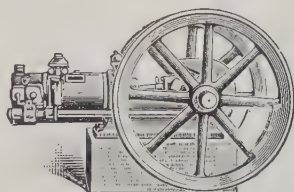
of Elevator Engines.

### Columbia GAS and GASOLINE ENGINES

USE LESS  
FUEL THAN  
OTHERS



E. L. GATES MFG. CO.  
34-36 So. Canal St. CHICAGO, ILL.



An observant individual who claims to know,  
says that "When a man buys his first : : : :  
**GAS OR GASOLINE ENGINE,**  
he selects the cheapest" (meaning the lowest  
priced). "Naturally it soon wears out, and if  
his experience with the cheap kind has not com-  
pletely disgusted him, he then buys the best" (usually the **highest** priced).  
This statement tallies with our knowledge of the facts and accounts in a great  
measure for the ever increasing demand for the **OTTO ENGINE.**

There are many of the cheap kind but only one best.

**THE OTTO GAS ENGINE WORKS, Philadelphia, Penna.**

Chicago Representative, T. W. SNOW, 360 Dearborn St.

### GRAIN TABLES FOR CAR LOADS

Clark's Grain Tables for Car Loads, so extensively used for reducing pounds to bushels have been extended to cover the largest car loads. The book now contains 28 pages of tables as follows

OATS (32 lbs.) six tables, 20,000 to 86,000 lbs.  
CORN (56 lbs.) eight tables, 20,000 to 108,000 lbs.  
WHEAT (60 lbs.) eight tables, 20,000 to 108,000.  
BARLEY (48 lbs.) six tables, 20,000 to 86,000 lbs.

The number of bushels in any weight of grain, within the numbers specified above are given in bold-faced type. The tables are printed in two colors on good paper. By their use all reductions are avoided and errors are prevented.

PRICE, \$1.50. Address.

GRAIN DEALERS COMPANY,  
10 Pacific Ave., Chicago, Ill.

### Grain Tables for Wagon Loads

Clark's Grain Tables for Wagon Loads are used more extensively by country grain buyers than all other tables combined for finding the number of bushels in any wagon load. It contains nine tables for this purpose and four dockage tables, all printed from heavy faced type, in two colors. Each table gives reductions from 100 to 4,090 lbs., is complete on one page, and is so arranged as to provide an effectual safeguard against errors by inexperienced persons.

The tables show the following reductions: (1) OATS at 32 lbs.; (2) OATS at 33 lbs.; [A table reducing oats to bushels of 35 lbs. will be substituted for the 33 lb. table if desired.] (3) BARLEY, HUNGARIAN GRASS SEED and CORN MEAL at 48 lbs.; (4) SHELLED CORN, RYE and FLAXSEED at 56 lbs.; (5) WHEAT, CLOVER SEED, BEANS, PEAS, and POTATOES at 60 lbs.; (6) EAR CORN at 70 lbs.; (7) EAR CORN at 75 lbs.; (8) EAR CORN at 80 lbs.; (9) TIMOTHY SEED at 45 lbs.

The four dockage tables show the dockage on 60 pound Wheat at 1, 2, 3 and 5 pounds dockage. The tables are bound in strong Manila covers. Price, 50 cents. Address

GRAIN DEALERS COMPANY,  
255 La Salle Street. Chicago.

### The Gas and Gasoline Engine and Its Age

By NORMAN & HUBBARD

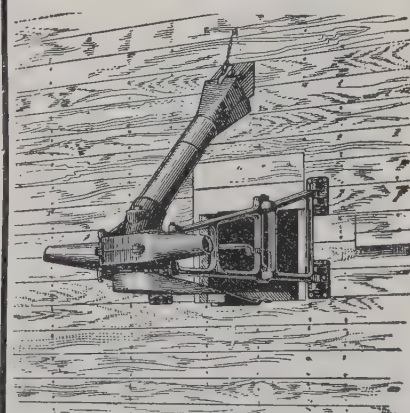
Is a practical hand-book of questions and answers on any difficulty that may arise in the care, management and operation of a Gas or Gasoline Engine. It is a reference book for users and those contemplating the purchase of a gas or gasoline engine.

It gives a historical review of the growth of the gas and gasoline engine and the features that are essential to the good working of a gas or gasoline engine. It gives a long list of questions and answers which are invaluable to users, describes an indicator, the pounding of engines, precautions in running a gas engine, etc. It also gives a description of nearly all the prominent makes of American engines, besides a very complete set of rules and tables, which are invaluable to operators of engines. This book is of convenient size, well bound in cloth covers, printed on book paper, and profusely illustrated. Price \$1.00.

FOR SALE BY

GRAIN DEALERS COMPANY  
255 LaSalle St., CHICAGO, ILL.

### Improved Ideal Car Loader



Manufactured at Allenville, Ill. Loads any size car from end to end and full to the roof with but very little power. Does not crack grain. Does not blow the grain, thus sorting the light and heavy and causing off grades. Pays for itself in a short time. Hundreds in use giving universal satisfaction. Can we interest you by saving you money? Sold subject to 30 days' trial at your elevator. Write for catalog giving full particulars.

The Ideal Car Loader Co.,  
ALLENVILLE, ILL.

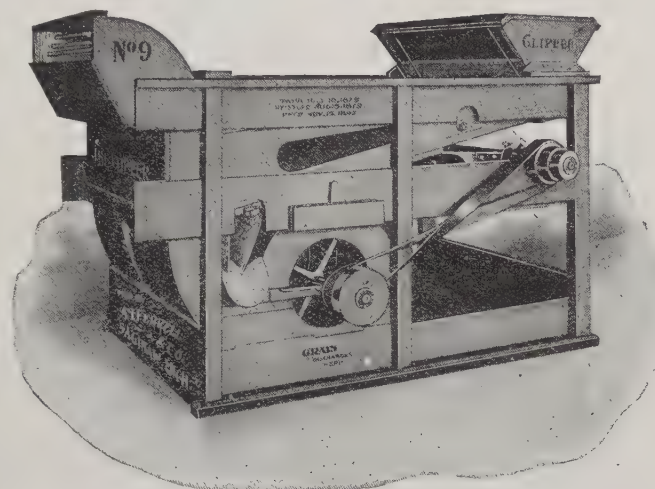
### 68 POUND EAR CORN TABLE

which reduces to bushels of 68 pounds each, any weight of ear corn from 100 to 6,500 pounds will be sent to anyone for 25 cents.

Subscribers to the GRAIN DEALERS JOURNAL can obtain a copy by sending 10 cents to  
GRAIN DEALERS COMPANY  
255 La Salle St. CHICAGO, ILL.



# The CLIPPER CLEANERS



stand without an equal for the economical cleaning of all kinds of Grain, Flax, Timothy, Clover and fine seeds, also for Beans, Peas and Corn.

This cut shows our Regular No. 9, one of our most popular Receiving Cleaners for local elevators. It requires a very small amount of power—an item of considerable interest to users of gasoline engines, and the quality of the separations have not yet been equaled by any machine.

## Clipper Seed Cleaners.

Our Perforated Sample Plate and Catalog for the asking.

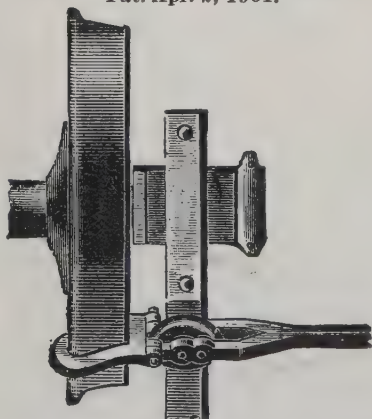
## A. T. Ferrell & Co.,

SAGINAW, MICH.

THIS CUT REPRESENTS OUR REGULAR NO. 9 CLEANER.

## Special Car Mover

Pat. Apr. 2, 1901.



Moves train of cars on good level track. Hook grips face of wheel and 3,000 to 4,000 lbs. is applied in the direct course of the revolution of the wheel. It moves a car with less power and greater speed than any other mover on the market. Price \$5 f. o. b. Sac City, and shipped C. O. D. subject to trial and acceptance.

### The Conveyor Car Loader

has advantages over other loaders. Let us ship you one on trial.

### The Incline Elevator and Dump

and storage system is the best and cheapest ear corn and small grain storage. Grain Dealers, Farmers and Feeder Plants solve the problem of cribbing ear corn, etc., without shoveling. A grain dealer's elevator having 100,000 bushels capacity can be built for \$3,500. Write for full particulars.

**H. KURTZ & SON**  
SAC CITY, IOWA.

## No. 44 COAL SALES BOOK

THREE BOOKS IN ONE.

1. It is your original entry of all sales made.
2. It is your original entry on your scale weights.
3. It is your Journal from which you do your posting.

It contains spaces for 6,000 loads. Each page is ruled with column headings as follows: Date; Ledger Folio; To Whom Sold; Gross; Tare; Net; Price Per Ton; Amount.

This book contains 150 pages of good ledger paper printed and ruled. It is well bound in cloth covers with leather back. Size of book 8½ x 14 in. Price, \$1.75. For sale by

**GRAIN DEALERS COMPANY,**  
10 Pacific Ave., Chicago, Ill.

No. 23

## Grain Scale Book

An indexed journal, keeps a record of 10,000 wagon loads. Each man's loads are entered on his page. It keeps a record of scale weights. From it both debits and credits are posted to ledger, crediting the customer with the amount received and charging it to the grain's account.

In using this book the dealer minimizes the chance of making errors by posting from original entries.

The book is ruled with column headings as follows: Date; L. F.; L. F.; Kind of Grain; Remarks; Gross; Tare; Net; Bushels; Pounds; Price; Amount.

The book contains 240 pages, size 10½ x 15½ inches. The best linen ledger paper is used. The regular ledger index in front will accommodate all names necessary. The book is bound in extra heavy cloth covers with leather back. Price, \$2.50.

For Sale by

**GRAIN DEALERS COMPANY**  
10 PACIFIC AVE. CHICAGO, ILL.

## NUTT'S Patent Flexible and SPOUT



Closed.



Open.

Manufactured by

is the most convenient, the easiest handled, and adapted to more uses than any other spout made.

Cheapest because one will do the distributing of many spouts of other patterns. Can be closed up to occupy one-fifth of the length when extended.

WRITE FOR PRICES.

**FLEXIBLE SPOUT CO., Urbana, O.**

## Clark's Grain Book

Is a Record and Memorandum Book for the use of Country Dealers.

It is 9½ x 12 inches, contains 400 pages of heavy manilla paper, bound with board covers, leather back and corners. Each page is ruled into 12 uniform sized squares. Each square is used to keep a record of each load of grain, there being room enough to write the farmers name, kind of grain, gross, tare and net weights and to figure how much it comes to at the ruling market price.

Price \$1.50.

For Sale by

**Grain Dealers Company,**

10 Pacific Avenue,

Chicago, Ill.



# GRAIN DEALERS' EXCHANGE.

The rate for Advertisements in this department is 15 cents per line each insertion.

## ELEVATORS FOR SALE.

12,000-bu. grain elevator, good repair; large territory. Box 53, Logan, Ia.

EASTERN ILLINOIS elevator for sale on main line of Big 4. Address J. T. Powell, Vermilion, Ill.

ILLINOIS elevator at great sacrifice, or exchange for real estate. Must be sold. W. L. Cadie, 440 Canal st., Chicago.

ELEVATORS to suit the most exacting are quickly found by advertising in the "Elevators Wanted" column of the Grain Dealers Journal.

TWO INDIANA ELEVATORS for sale. One on Vandalia, one on main line Penn. R. R. Address Plymouth Nov. Mfg. Co., Plymouth, Indiana.

ELEVATOR FOR SALE in the best grain-producing portion of Kay county, Okla. For particulars, address Lock Box 265, Ponca City, O. T.

INDIANA elevator for sale. Good location, large territory and doing a good business. Address H. A. L., box 1, care Grain Dealers Journal, Chicago.

IOWA elevator for sale; on main line of C. & N.-W. R. R., in good grain territory. An up-to-date elevator. N. J. M., box 5, care Grain Dealers Journal, Chicago.

LINE of 3 elevators in Indiana must be sold. Gross profits last year as much as we will ask you for the places. Address B. M., box 5, care Grain Dealers Journal.

A 20,000 capacity elevator for sale, on the C., R. I & P., in the wheat belt of Oklahoma. In good condition. Good reason for selling. Central Grain Co., Hennessey, O. T.

WAREHOUSE and good, established business for sale; 5,000 bu. storage, gasoline engine, feed mill, loading track, coal sheds and potato storage. In Greeley potato belt. H. P. Hill, Kersey, Colo.

SMALL country elevator for sale; coal bins, general store and stock business. In the banner wheat county of Kansas. Address O. K., box 5, care Grain Dealers Journal, Chicago.

ELEVATOR AND COAL business for sale; 50,000 capacity; yearly average 350,000 bu. Everything modern and almost new from the ground up. No cheap man need apply. Off the market March 15. Address W. E. Castle, Kentland, Ind.

LOGANSPOUT, IND., the Johnson Warehouse, capacity, 35,000; lot, 132½x165; main house, 50x115; established business, 50 years; Otto Gas and Gasoline engine combined; splendid retail trade; \$5,000 a year profit if handled right; 4 railroads, in heart of city; vacant lot adjoining sold for \$100 front foot. Splendid investment, \$12,000 cash, no trade. W. E. Hurd, 114 5th-st.

## ELEVATORS FOR SALE.

20,000-bushel elevator and residence for sale. Address P. A. Axen, Galt, Ia.

TWO HAY barns at Wolcott and one at Remington, Ind., for sale at a bargain. Well located for either hay or grain business. Must be sold quick. Address Snap, Box 14, Grain Dealers' Journal, Chicago.

IN GOOD thriving town in best part of Iowa, grain elevator, coal sheds, office and two scales. Shipped 225 cars of grain last year; sold 27 cars of coal. Object in selling, poor health. For particulars write to or call on W. C. Yeisley, Blairstown, Ia.

OUR 50,000-bu. elevator handled last year 240,000 bu. at a profit of \$5,000, and will be sold for \$8,000, on account of other business. In good Iowa county seat. Address Dexter, box 4, care Grain Dealers Journal, Chicago.

ELEVATOR 30,000 capacity, cribs 12,000; 2 Constant Dumps; gas engine; coal and implements. Townships 600 cars annually. Plant worth \$10,000; will take \$7,000; bargain. Address Illinois, box 4, care Grain Dealers Journal, Chicago.

ELEVATOR of 14,000 bu. capacity with a store building in connection for handling seeds and feed, located in a thriving western town and doing a splendid business, for sale; \$8,000. A fine opportunity for some one. To any one interested full particulars will be given. Address A. S. E., box 6, care Grain Dealers Journal, Chicago.

## ELEVATORS WANTED.

WANTED to lease an elevator in Illinois. Box 556, Minonk, Ill.

ELEVATOR wanted at good grain point. Give particulars. P. H. Daub, Helena, Ohio.

ELEVATOR in Nebraska wanted, on B. & M. R. R. Will pay cash. M. N. Fellers, Table Rock, Neb.

ELEVATOR WANTED. Cash for good elevator in Illinois. Give particulars. Address R. B. Andrews, Washington, Ill.

WANTED: 4 to 6 good elevators tributary to Chicago, Peoria or Springfield, Ill. Cash buyers. Aaron Smick, Decatur, Ill.

WANTED to buy or lease elevator in northwestern Ohio; give full particulars. F. S., box 5, care Grain Dealers Journal, Chicago.

TWO or three grain elevators wanted in northern Iowa, or southern Minnesota. Address S. D., box 2, care Grain Dealers Journal, Chicago.

WANTED, to buy, an elevator in northern Iowa or Minnesota. Way-Johnson-Lee Co., 606 Corn Exchange, Minneapolis, Minn.

ELEVATOR wanted to buy for cash in central Indiana town of 4,000 or larger. Must do good business; give particulars first letter. M. C. F., box 5, care Grain Dealers Journal, Chicago.

WANT TO RENT, with privilege of buying, modern elevator with a good established business, located in central or northwestern states. Address all communications to A. E. Slessman, Clyde, O.

IF you want to sell your elevator, advertise it in the "Elevators for Sale" column of the Grain Dealers Journal. This will place your property before all probable buyers and insure your getting a good price for it.

WANTED, to buy at once, good elevator in Illinois, Iowa or Ind. Elevator must ship not less than 130,000 bu. per annum. State capacity, when built, full particulars and price. Address P., Lock Box 353, Champaign, Ill.

ELEVATORS WANTED. If you wish to sell or lease your elevator, list same with us. It costs nothing unless sale is made, and then only \$1 for each sale resulting. Elevator Exchange, 72 Traders bldg., Chicago, Ill.

## STEEL ROOFING



Strictly new, perfect, Semi-Hardened Steel Sheets, 2 feet wide, 6 feet long. The best Roofing, Siding or Ceiling you can use. No experience necessary to lay it. An ordinary hammer or hatchet the only tools you need. We furnish free with each order sufficient paint and nails. Comes either flat, corrugated or "V" crimped. Delivered free of all charges at the following prices

TO ALL POINTS IN

INDIANA, ILLINOIS,  
WISCONSIN, MICHIGAN,  
OHIO, IOWA, WEST  
VIRGINIA.

Per Square, \$2.35.

Prices on other States on application.

A square means 100 square feet. Write for free catalogue No. 326

CHICAGO HOUSE WRECKING CO., W. 35th and Iron Sts., Chicago

PENNSYLVANIA, NEW  
YORK, NEW JERSEY,  
MARYLAND, KENTUCKY,  
MISSOURI, MINNESOTA.

Per Square, \$2.50.

## SECOND-HAND

Shellers, Cleaners, Clippers, Scales, Feed Mills, Steam Engines, Boilers, Gasoline Engines, Belting, Buckets, Conveyors or any other elevator machinery can be bought or sold quickly by placing an ad. in the "Wanted" or "For Sale" columns of the

**GRAIN DEALERS' JOURNAL**

OF CHICAGO.

COSTS 15 CENTS PER LINE.

## A PARTNER

### HELP or a POSITION,

can be obtained quickly by placing an ad. in the "Wanted" columns of the Grain Dealers Journal of Chicago. It is the grain-trade's accepted medium for "wanted" and "for sale" ads.



# GRAIN DEALERS' EXCHANGE.

The rate for Advertisements in this department is 15 cents per line each insertion.

## ENGINES FOR SALE.

BOILER 45 h. p., engine 25 h. p., for sale cheap. B. E. Morgan, Buckley, Ill.

STEAM ENGINE, 75 h. p. slide valve, 12x24 cylinder. W. S. McKinney & Co., 204 Dearborn-st., Chicago.

CHARTER GASOLINE engine, 8 h. p., with muffler and tanks. H. M. Cox, 108 LaSalle-st., Chicago.

GASOLINE engines, all makes bought, sold, rented and exchanged. McDonald, 36 W. Randolph-st., Chicago.

"GUS" GAS AND GASOLINE ENGINES. None better made. The Carl Anderson Co., 23 N. Clinton, Chicago.

BOILER for sale, 60-h. p. tubular, 50 in. diam., 15 ft. long. McReynolds & Co., 313 Western Union Bldg., Chicago.

BOILERS for sale, all sizes, horizontal, tubular, complete. J. E. Russell, 1407 Manhattan bldg., Chicago.

SECOND-HAND Lewis gas or gasoline engine, No. 15, 20-h. p., in good shape. Rider Grain Co., Kentland, Ind.

OTTO GAS ENGINES, 4-horse and 10-horse power, can be altered for gasoline. Chas. E. Prunty, Main and Market, St. Louis, Mo.

STATIONARY ENGINE; tandem compound condensing; 175 h. p.; good as new; for sale by the Ohio Packing Co., Toledo, Ohio.

\$250 buys steam boiler, grates, front and fixtures; has 44 3-in. flues, 14 ft. long, 46 in. diam. shell, in good shape. Price f. o. b. cars Dodge. For further information address Dodge Milling & Grain Co., Dodge, Neb.

FOR SALE or exchange for a 6-h. p. gasoline engine, a 16-h. p. center-crank steam engine with 20-h. p. boiler. Boiler only used 6 months. Entire outfit in first-class condition and now in use. Way-Johnson-Lee Co., Minneapolis, Minn.

FOR SALE—Secondhand gasoline engines, 1 to 50 h. p. Why buy new engines when we sell slightly used and guaranteed at one-half original cost? We have all makes and all sizes. Write us, stating your needs. Price Machinery Co., 507 Great Northern bldg., Chicago, Ill.

GASOLINE engines for sale: 25-h. p. Charter, 12-h.p. Charter, 6-h.p. Charter, 17-h.p. New Era, 10-h.p. Otto, 8-h.p. Pierce, 4-h.p. Pease, 3-h.p. White; No. 1 Willford 3-roller Mill, No. 2 Willford 3-roller Mill; 4-roller Mill; 2-h.p. marine engine and boiler; 7x10 steam engine and 20-h.p. boiler; 35-h.p. steam engine and 60-h.p. boiler. C. D. Holbrook & Co., Minneapolis, Minn.

## ENGINES WANTED

WANTED—10 or 12-h. p. second-hand steam engine; must be nearly new. O. M. Kelly, Dana, Ill.

## SCALES FOR SALE.

THREE 400-lb. platform scales for sale. F. P. Otis, Blue Springs, Neb.

SCALES, 2d-hand, all sizes, also new ones cheap. Chicago Scale Co., Chicago.

HOPPER SCALES, Webster make, capacity 300 bushels, for sale or will trade for track scales. Address Burke & Co., Scottsville, Kan.

ONE thousand bushel hopper scale, with patent self-registering beam and leveling device, \$175. Address Barry-Wehmiller Machinery Co., St. Louis, Mo.

REFITTED R. R. track, hopper and wagon scales; Howe, Fairbanks and Buffalo makes; good as new and will be sold cheap. All sizes in stock new of our own make. U. S. Scale Co., Terre Haute, Ind.

SECOND-HAND SCALES for sale, thoroly refitted and guaranteed good as new; 4-ton Fairbanks, 8x14, compound beam, \$60; 6-ton Buffalo, 7x22, combination beam, \$65; 4-ton and 8-ton Howe, double beam, 8x14, \$50; 8x22, \$70. Allen P. Ely & Co., Omaha, Neb.

## SCALES WANTED.

SCALES not in use can be sold quickly and at small cost by advertising in our department, "Scales for Sale."

WANTED—500 to 800 bu. hopper scale, Fairbanks, Howe or Buffalo; must be in good condition. Coats & Hinshaw, Winchester, Ind.

PLEASE discontinue our ad of Scales for Sale. Could have sold them six times already. Yours truly, J. G. Hermann, Ashmore, Ill. [This is the result of a four-line ad run once.]

## MACHINES WANTED.

FEED MILL outfit wanted in exchange for good new 2-story 6-room house, located in manufacturing town of 2,500 in gas belt. W. C. Gordon, Albany, Ind.

MACHINES left standing idle will deteriorate, increase your fire hazard and the cost of insurance. Sell them; get them out of your way; put your money where it will earn something. Advertise in the "Machines for Sale" column of the Grain Dealers Journal.

## NEW AND SECOND HAND MACHINERY

Send for our Catalog No. 58 C.

We handle everything needed in a grain elevator; can fill orders promptly and at lowest prices.

Our stock includes gasoline and steam engines, cleaning machinery, corn shellers and cleaners, feed mills, shafting, hangers, buckets, etc. When writing mention this paper.

**B. F. GUMP CO.**

ESTABLISHED 1872  
INCORPORATED 1901

53 So. Canal St.,

CHICAGO.

## MACHINES FOR SALE.

SCIENTIFIC Feed Mill, size N-1, good as new. W. O. Brackett, Sherman, Tex.

DICKEY No. 4 Quad. Separator, good condition, cheap. G. W. Warner, Pickrell, Neb.

FEED MILL for sale cheap: Nordyke & Marmon 2-pair high roller mill. J. W. Simmons, Pemberton, O.

SECONDHAND GAS and gasoline engines bought, sold or exchanged. J. M. Johnston, 217 Lake st., Chicago.

CAR-LOADERS for sale, 6 Metcalf bifurcated, secondhand. O. W., box 3, care Grain Dealers Journal, Chicago.

NEW CYCLONE Dust Collector, No. 5, in perfect order, for sale. Address Spencer-Slauson Grain Co., Piqua, Ohio.

THE "EUREKA" Double Shoe Compound Motion, Two Fan Separator. Very cheap. Address W. H. Moorhead, 56 Traders' building, Chicago, Ill.

COMPLETE line of elevator machinery; including engine and boiler, for sale cheap. For list of machinery and prices address W. H. Aiman, Pendleton, Ind.

SCREW conveyor, elevator boots and belting, and Cyclone Dust Collector for sale. Write for catalog No. 326. The Chicago House Wrecking Co., W. 35th and Iron-sts., Chicago.

SEPARATORS FOR SALE: B & L receiving No. 3, B & L milling No. 3 and B & L milling No. 2 at low prices; also 9x14 2-pair-high feed mill. F. P. Otis, Blue Springs, Neb.

WANTED—Grain elevator men who want grain handling machinery of any description, new or second-hand, can get their wants promptly supplied by advertising them in this department.

\$100 buys two double stands smooth 9x11 Allis Rolls, roller feed, all in good shape. Price f. o. b. cars Dodge. For further information address Dodge Milling & Grain Co., Dodge, Neb.

WANTED: Grain elevator men, who want grain handling machinery of any description, to mail us their specifications of what they want. Rock bottom prices on belting and machinery. A. S. Garman & Sons, Akron, O.

MACHINERY COMPLETE for 50-barrel mill, Nordyke & Marmon make, only 3 years old; 2 swing sifters, 4 stand rolls, 3 cleaning machines, flour packer stock hoppers, spouts, belts, shafting, etc. Cheap trade or cash party buying to take same out. J. M. Brafford, Kirklin, Ind.

PORTABLE corn sheller mounted on wheels for sale. The Sandwich Mfg. Co.'s No. 2 will easily shell 3,000 bu. corn in ten hours, and clean it in a first-class manner for the market. It is new and only run to shell 15,000 bu., and is in perfect order. Price, \$200. H. C. Tinkham, Latty, Ohio.



# GRAIN DEALERS' EXCHANGE.

The rate for Advertisements in this department is 15 cents per line each insertion.

## GRAIN FOR SALE.

SEED CORN AND OATS for sale in car-loads or less. La Rose Grain Co., La Rose, Ill.

MEDIUM and mammoth clover seed for sale. Write for samples and prices. Cal Baum, Matthews, Ind.

SEED CORN AND OATS for sale in carloads or less. Send for samples. J. W. Berry Grain Co., Clarinda, Ia.

WHITE and mixed seed corn for sale by F. P. Miller & Son at Chetopa, Kan., in small lots or by the carload.

CLOVER, timothy, field seeds of all kinds for sale, car lots or less; write for prices and samples. Crabbs & Reynolds, Crawfordsville, Ind.

MILLETS, DARK HUNGARIAN and SPELTZ for sale, carloads or less. Reasonable prices. Northrup, King & Co., Seedsmen, Minneapolis, Minn.

WHITE WHEAT in car-loads, if needing write Sam Williamson, Salt Lake City, Utah. Address telegrams "Williamson," Salt Lake City, Utah.

EARLY OHIO SEED POTATOES, raised in the Red River Valley in North Dakota; macaroni wheat, millet, Hungarian, etc. Fargo Seed House, Fargo, N. D.

SEED CORN, Michigan grown, is the earliest and produces large crops. Hammond's 60-day Flint, American Pride, Race Horse Dent and Thoroughbred White Dent are the 4 famous varieties to-day. Harry N. Hammond Seed Co., Ltd., Box 265, Bay City, Mich.

TIMOTHY, CLOVER and all kinds of farm seeds, seed corn, etc. I have choice seed corn and will sell in car lots or less to suit purchaser. Choice Seed Barley, Wheat and Oats in any quantity and prices the lowest. Get my prices and samples before buying. Dealers supplied promptly. E. B. Michael, Storm Lake, Iowa.

## MILLS FOR SALE.

BRICK, 3-story and basement mill of 65 barrels capacity, now running, for sale. Newton Estate, Eldon, Mo.

STONE, 4-story mill of 125 bbls. capacity, for sale at great bargain. In good town within 20 miles of Kansas City. Made a fortune for owner. Gate City Investment Co., 1219 Main-st., Kansas City, Mo.

MILL AND ELEVATOR for sale. Mill has capacity 40 bbls. flour, elevator capacity 15,000 bu. grain and 20,000 bu. ear corn. Owing to sickness this property is now in the hands of hired help and must be sold at once. Chas. Weeks, Winamac, Ind.

ELEVATOR AND MILL for sale, daily capacity 1,800 bbls. flour, 5 cars corn goods, storage 175,000 bu. wheat, 15,000 bbls. flour; 6-story stone and brick building; steam power; excellent shipping facilities on river and Big Four. For particulars apply to Chas. D. Stewart, 113 Merwin-st., Cleveland, O.

## HELP WANTED.

A GRAIN BUYER wanted to run country elevator; must have experience; permanent position for the right man. The Wallace Co., Port Austin, Mich.

TRAVELERS who call on country grain dealers can easily make something on the side and at the same time promote their regular business. Address Side Line, Box 12, Grain Dealers' Journal, Chicago, Ill.

## SITUATIONS WANTED.

POSITION wanted as buyer at country station by man of experience. Age 41. Address R. E. B., box 3, care Grain Dealers Journal, Chicago, Ill.

POSITION wanted in country elevator as buyer and elevator man. Three years' experience and best of reference. Address O. W. L., Box 2, care Grain Dealers Journal, Chicago.

HELP-WANTED advertisements invariably bring twenty times as many replies as any other. If you want help, advertise in The Grain Dealers Journal and you will have a large number of applicants to select from.

POSITION wanted in country elevator as buyer and elevator man. Three years' experience and the best of reference. Salary, \$45 per month to start. Address J. A. G., Box 11, care Grain Dealers Journal, Chicago.

## PARTNERS WANTED.

PARTNER WANTED to take half interest in grain, coal and stock business, 30,000-bu. elevator, in good town in eastern Kansas; \$3,000 to \$4,000 required. Address Partner, Box 14, care Grain Dealers' Journal, Chicago.

## MISCELLANEOUS FOR SALE.

FARM for sale—First-class, improved in north central Indiana. J. B. Clark, 308 Rialto bldg., Chicago.

CORN CRIB VENTILATORS, adjustable, fit any crib, reduce liability of deterioration to a minimum, the invention of N. S. Beale, Tama, Iowa. Write for particulars.

CHARTERS PROCURED under South Dakota laws for a few dollars. For corporation laws blanks, by-laws and forms write Philip Lawrence, late asst. Secretary of State, Huron, S. D.

CAPITAL wanted in wholesale and retail grain business with established trade in large city. Admirably situated for shipping to eastern markets. Good territory to draw from. Excellent opportunity, investigate. Address P, 735 Society for Savings, Cleveland, Ohio.

"HOW TO SPECULATE" (copyright applied for 1901). Full instructions mailed to any address on receipt of \$2. We will refund price of booklet on "How to Speculate" to any one who will show us where our system will not win from \$1,500 to \$1,800 per year. E. F. Cazalet, Vinton, Ia. Ref. Farmers' National Bank of Vinton.

## GRAIN WANTED.

WANTED, straight, dark mixed oats. Send samples and quotations. W. H. Small & Co., Evansville, Ind.

WANTED—White corn and black oats of superior quality. Mail samples to Illinois Seed Co., Chicago, Ill.

## FREE to SUBSCRIBERS

If any subscriber to the Grain Dealers Journal desires a copy of the GRAIN DEALERS AND SHIPPERS GAZETTEER for 1899-1900, they can obtain one by sending 25 cents in stamps to prepay express charges. This book is said to contain the Freight Agents Official Lists of Grain Dealers and Millers on over 100 lines of Railroad. The names are arranged by railroads. The book contains over 200 pages and is well bound in cloth with flexible cover.

Address, GRAIN DEALERS JOURNAL, 10 Pacific Ave., Chicago, Ill.

## GRAIN DEALERS JOURNAL

255 La Salle St., Chicago, Ill.

190

Gentlemen—Enclosed find One (\$1.00) Dollar, for which please send the *Grain Dealers Journal* on the 10th and 25th of each month for one year to

Name of firm.....

Capacity of Elevator Post Office.....

.....bus. State.....



# LUMBER

We sell to everyone at the same price, strictly wholesale rates. We will sell to anyone.

**JOHN SPRY LUMBER CO.,**

ASHLAND AVE. AND 22ND ST., CHICAGO, ILL.

## NEW CONCERN - - OLD FACES.

The Midland Machinery Co., 248 Fourth Ave., South Minneapolis, Minn., wishes to announce to the grain trade that it is a new firm which has just launched in the grain elevator supply business. It is composed of men who have long been identified with the handling of machinery for the complete equipment of grain elevators and flour mills. It is in a position to fill your orders promptly, and wishes to merit a share of your patronage. WRITE TODAY.

## If You Want to Reach

The Grain Dealers of the Country  
Advertise in the Grain Dealers Journal.

## BETTER PRICES FOR YOUR GRAIN

can readily be obtained if you will purify it before shipment. Impurities, such as smut, must and mold odors can be entirely removed, and unnatural stains from water or other causes can be removed by our patent process of purifying and the grain made sweet and bright.

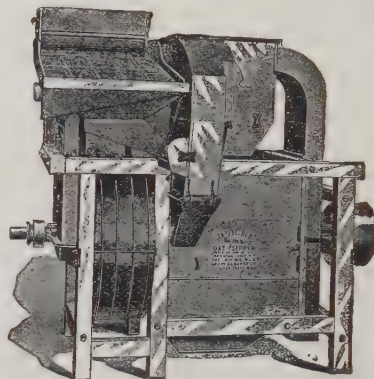
A purifier can increase your profits enough to pay for itself in a short time.  
Write for particulars to

**The American Grain Purifier Constructing Co.**

DAVENPORT, IOWA, or KENTLAND, IND.

## INVINCIBLE OAT CLIPPERS

clip rapidly, perfectly and without waste, regardless of the weather. Great capacity, perfection of work, economy of operation, simplicity and durability are points in their favor. : : : : :



Our machines are compactly built, run smoothly and do not hull the oats

We manufacture corn and cob separators and cleaners, receiving separators, scourers and cleaners, needle screen gravity separators and spiral belt separators. Send for catalog.

**Invincible Grain Cleaner Company**

Invincible Works,

SILVER CREEK, - - - N. Y.

Represented by

W. J. Scott, Wyoming Hotel, Chicago, Ill.  
Edw. A. Ordway, 512 Exchange Bldg., Kansas City, Mo.  
Chas. H. Scott, Nicollet Hotel, Minneapolis, Minn.  
J. N. Bacon, Balcherne Block, Indianapolis, Ind.

# The Monitor Special Separator

## For Separating Oats from Wheat

Makes the most perfect separations and has larger capacity than any machine on the market.

## The Monitor Oat Clipper

still stands at the head of all Oat Clipping Machines for *quality of work* and *honest capacity*.

We do not advertise a greater capacity than our machines can handle, but fill every guarantee.

**THE HUNTLEY MFG. CO.**

Monitor Works

SILVER CREEK, N. Y.



**GRAIN DEALERS JOURNAL**

Published on the  
**10th and 25th of Each Month**

BY THE  
**GRAIN DEALERS COMPANY**  
255 La Salle Street,  
CHICAGO, ILL.  
**CHARLES S. CLARK,**  
Editor and Manager.

**Subscription Rates:**  
One Dollar per year; Sixty cents for six months. Invariably in advance. Fifteen cents should be added for exchange when sending local checks.  
To Foreign Countries within the Postal Union, postage prepaid, \$1.75 per year.

**Advertising Rates**  
furnished on application. The advertising value of the Grain Dealers Journal as a medium for reaching the grain dealers and elevator men of the country is unquestioned. The character and number of advertisements in its columns tell of its worth.

**Letters**  
on subjects of interest to those engaged in the grain trade, and trade news items are always welcome.

CHICAGO, ILL., MARCH 10, 1902.

If you stay out of the market you may purchase immunity from the spring crop scares.

Excessive margins or frequent fights in country markets breed farmers' elevator companies.

The approach of grain taxing days is likely to encourage a freer movement from farmers' hands.

The dust-collector problem has broken out in a new spot. Read "Asked and Answered" and help to find the correct remedy.

The millers local associations of the country are federating to form a strong national association. It is the right plan for effective work.

The commercial exchange which rents rooms to bucket-shop keepers is in a bad way and sorely in need of moral as well as financial support.

Write and wire the representatives of your state in the United States Senate to retain the tax on bucket-shops. By rights it should be increased a hundred fold.

The Merchants' Exchange of St. Louis has instituted a reform campaign of its own. Rates of commissions have been established, and next will be the bucket-shops.

The ease with which Illinois politicians increased the fee for inspecting grain, when the department had a surplus of over \$51,000, shud prompt them to raise it again.

Little is gained by weighing grain carefully before loading into cars unless each and every car is carefully and thoroughly

coopered. The streaks of grain alongside the tracks leading into Chicago, continually bear evidence of poorly coopered cars and surely it can not be very different in other markets.

Now we are informed upon good authority that modern methods have been introduced into southern rice fields to such an extent that this country will soon be exporting instead of importing rice. When that day comes the grain will be handled in bulk, as is wheat and other grain in the North. Shipping rice in bags is expensive and not always satisfactory.

Kansas is nothing if not sensational. Late reports from Harper are to the effect that a five-weeks-old baby at that point persists in repeating "Six years of famine in Kansas." The farmers all know that it is a message from God and are reported to be leaving the country. As the grain dealers are not so gullible, their exodus from the state is not to be expected, but they may hang the correspondent who sent out the lie.

Judging from the amount of talk indulged in by insurance experts regarding the extra hazardous features of plants using gasoline, they are preparing to levy an extra charge for the privilege. Country elevator men who have taken the precaution to place their gasoline engines in brick houses at least ten feet from the elevator may find it a more profitable investment than was expected.

The country elevator men who are averse to paying the exorbitant rates now being levied by stock fire insurance companies on risks of this class, especially in the central states, will profit by interviewing some of the old reliable flour mill mutuals. However, so few of these companies are disposed to write elevator risks that it may be necessary to establish a grain elevator mutual in order to avoid having elevator property completely confiscated by the greedy stock fire insurance companies.

Judge Thompson at Cincinnati has refused to enjoin O'Dell's bucket-shop from using Chicago Board of Trade quotations. Justice does not always sit on the bench, altho the judge may be sincere and honest, because no man unfamiliar with the customs or practices of a trade is competent to pass upon intricate differences. O'Dell's bucket-shop has long been known as one of the worst, and, while its life may be prolonged by the late decision, there seems little doubt that it will soon be closed.

Elevator owners whose plants are equipped with gas or gasoline engines will find a decision of more than passing interest in this number in a case brot against the Des Moines Elevator Co.,

whose engine at Avoca, Ia., was claimed to have scared a farmer's team, which ran away and injured the farmer so that his leg was amputated. He wanted the company to pay him \$15,000, but the judge took the case from the jury and dismissed the suit. However, the operators of gasoline engines are not warranted in thinking that every judge wud take the same stand. The greater the precaution taken to avoid scaring farmers' horses the fewer lawsuits will result. Many cases no doubt will be brot against elevator operators on the same grounds, but if reasonable care is exercised to prevent scaring of horses no suit for damage resulting can be waged successfully.

The practice of compelling settlement for freight according to track-scale weights, which was reported by a Pittsburg correspondent in our last number, has spread to Memphis, where the Illinois Central is making all kinds of trouble for the dealers who find that the track-scale weights are 1,000 to 10,000 pounds over actual contents. Track-scale weights are notoriously unreliable and if the carriers insist upon receivers settling according to such guesses then the grain men will find it necessary to double their clerical forces in order to collect overcharges on freight and to make proper settlements with shippers.

The upper court of New York has recently handed down a decision which will in a measure discourage wild-cat insurance. A man placed his insurance with a local agent, who gave him a policy in a mercantile company in Chicago, which was not licensed to do business either in New York or Illinois. After the fire the wild-cat company ignored the policy holder, who then made a demand upon the agent, who denied liability. The different courts of New York have taken a different view of his standing and given the policy holder a judgment for the full amount of his claim.

No fire-insurance company, be it stock or mutual, can afford to carry all elevator risks at the same rate, unless that rate be a fair one on the poorest and a high rate on the good elevators. It is this lack of intelligent discrimination which has compelled the stock companies to raise their rates to a figure that is sure to drive the better class of elevator risks into the flour-mill mutuals, which are now seeking gilt-edge elevator risks. This is sure to make the operation of the poor hazards so expensive that many of them will be sold to stock companies through carelessness. This will increase the stock companies' fire losses on this class of risks to an unnatural degree and result in further in-



creases in rates on such elevators as prove not acceptable to the flour-mill mutuals. The elevator owners who watch carefully all expenses will exert themselves to reduce the fire hazard and profit by a low rate in the mutuals, which are thoroly reliable and pay dividends only to policy holders.

Puts and calls have been outlawed in Illinois, but this will not do much good as long as they are permissible in other states.

The Supreme Court handled that "Put" and "Call" question very much like the minister handled the rotten egg he found in his pulpit Sunday morning.

The power wasted in the operation of an elevator leg with one-third or one-half of its buckets gone, will surely amount to considerable more than the entire cost of a new set of buckets and the work of putting them on.

The avidity with which salvage grain is grabbed up by those prepared to handle it, shows that it is somewhat better than the chicken feed it was formerly considered. The modern drying plant is surely more than a success.

The discovery of oil in the Southwest may bring cheaper gasoline to the elevator man. Already some claims are being made, which, if carried out, will surely force the Standard Oil Company to reduce its prices throughout the country.

The elevator men who attempted to build a new house last year and had the premises stand idle for months without machinery to operate, are not likely to be caught napping this season. They will order their machinery before the foundation is started.

The mixing of grain by antiquated, old-style, out-of-date, so-called distributing spouts, frequently costs the elevator man more than a modern equipment. Some have nicknamed the old-time appliances designed for this purpose "grain mixers." Surely it is the only name they are clearly entitled to have.

The shipper who does business with a firm or individual not a member of the commercial exchange of the market to which the grain is shipped, takes serious and unnecessary chances. It is much safer to confine business relations strictly to members, and it wont cost nearly so much in the long run.

A correspondent who is in the market for belting, complains that "It seems impossible to buy belting like I used to buy." The trouble is that competition has prompted the manufacturers of rubber belting to reduce the prices so many times, that in order to continue in business it has been necessary to reduce the quality. If the consumers were willing

to pay a fair price they would have no trouble in obtaining belts of any quality desired.

If any of our readers who are operating gasoline engines hold different opinions from those who have assisted to explain the cause of explosions in gasoline engines, we will be pleased to have them make their ideas known thru the columns of the Journal.

The barn builder who is permitted to erect an elevator leg constructs the pulley head casing so that dirt, dust and grain can accumulate on the board, be ground into powder by the pulley, churned to charcoal by the continual rubbing, and, eventually, set on fire, should be tied to the leg just before the fire.

The agitation against the grain purifier, or bleacher, as some are disposed to call it, has disappeared, and the demand for the machines would indicate that every buyer finds the machine a profitable investment. The work it does is just as legitimate as the grain scourer, cleaner or clipper. The opposition to its use is inexcusable.

The elevator man who whitewashed his elevator last year, and his brother dealer who covered his house with poor paint the year before, will both be in the market this season for good paint. It costs just as much to apply the best paint obtainable as the cheapest, and the cost of application is generally the greatest part of the cost. The cheapest covering is that which will stay on and protect the elevator the longest.

The country elevator man who exerts himself to provide good seed grain for his farmer patrons, will invariably find his time and money well invested. A small crop of inferior grain surely can bring no large profit to the dealer who handles it, while, on the other hand, if thru the introduction of good seed of superior quality, a large yield of good grain is obtained, his profits may be more than doubled and the farmer will, of course, get the lion's share of the gain.

The many inquiries elicited by reference in these columns to type-registering scale beams indicates an eagerness on the part of grain shippers to provide weighing facilities which shall preclude all possibility of error. It is well that they recognize their fallibility in reading and recording weights. As soon as all scales used in weighing grain are provided with mechanical appliances which will insure absolute accuracy, the complaints of shortages will be reduced to a minimum.

J. C. Hanley has been holding meetings of farmer elevator managers in the Northwest and filling the newspapers with the details of his empirical schemes. Among other things he pro-

poses to start a commission company, with offices everywhere; to establish a board of trade in St. Paul to affiliate with all the grain dealers associations. The Northwestern Elevator Association, so-called, is not run by elevator men, nor in their interests. Neither will Hanley nor his cohorts ever have any connection with the legitimate grain dealers associations. They can not buy membership nor obtain recognition.

The rapidity with which a list of regular grain dealers becomes out of date has been emphasized repeatedly in these columns, but evidently some receivers are still of the opinion that any old list is good enuf to waste postage. Secretary Mowry of the Illinois association in a recent letter writes: "Not long since I learned that there was a name on our directory of a former grain dealer who has been dead for years, and his family, who were then farmers, still receiving bids. A few days ago I notified two receiving firms, who were sending bids to a farmer who had sold out his grain business three years ago, and whose name is still on the directory." You can not get business from dead men, even tho you send market letters to their old addresses every day for ten years. We know of several receivers who have tried it without avail. Since the June meeting the Illinois association has taken in over 200 members and a large number of these were not in business at the time of the meeting.

Elsewhere in this number we give extracts from a number of letters which show grain receivers quoted to be unanimously in favor of arbitration for the settlement of trade differences. The receiver who, after experiencing the advantages of the arbitration committees of the different commercial exchanges, would be a real curiosity, were he to declare other than in favor of arbitration for the settlement of differences between grain dealers. Several good points are made by those reporting, one being that the settlement of disputes by disinterested parties who are conversant with the rules and customs of the grain trade is more likely to be just than a settlement in a court of law. The prompt suspension of members who refuse to arbitrate would add value to membership, for it would, in a certain degree, serve as a certificate for fair-dealing. One of the best advantages of arbitration, however, is that differences can be settled satisfactorily, without placing a bar upon future business relations between the parties to the dispute. It is indeed gratifying to know that arbitration has so many ardent supporters, who are willing to make use of it, and it is hoped that it will be extended to the smallest of the associations.



## LETTERS FROM THE TRADE

### LARGEST LOAD AND HIGHEST PRICE.

Grain Dealers Journal: You have published from time to time facts regarding large car loads of oats, but we think the car load shipped us by G. E. Hargraves of Manhattan, Ill., beats them all.

On January 30 he consigned us car No. 9346 containing 90,470 pounds or 2,827 bushels and six pounds of oats. They graded No. 3 white and sold for 49 $\frac{3}{4}$  cents per bushel, which was the highest point reached for May oats. The total proceeds were \$1,355.71. We think Chicago is entitled to the prize cup.—W. R. Mumford Co., Chicago.

### LOWER FREIGHTS TO REGULAR DEALERS.

Grain Dealers Journal: The proposition to protect the regular grain dealer by furnishing the commission merchants and track buyers with lists of dealers from which the scoop shovel men are omitted I consider of little use.

My proposition would be to protect them in freight charges, by inducing the railroads to give an established dealer better freight than scoop shovel dealers. This would be of far greater value. Only consider a man or firm as regular dealer where he or they have an established house.—Yours truly, F. C. Wegner, Menomonee Falls, Wis.

### WISHES TO GO TO MEMPHIS BY BOAT.

Grain Dealers Journal: I am pleased to see that you are publishing so much about Memphis and its grain dealers, as I hope to go there next fall to attend my first meeting of the national association. I want to venture a suggestion that if carried out would make the meeting have an additional attraction for me. It is that a number of the dealers in territory tributary to St. Louis charter a steamboat and take their wives to Memphis by river.

No doubt Memphis will tender the visiting dealers a ride on the Father of Waters, but I for one would also like to go from St. Louis by boat. We can return by rail if desired. I hope that some of the local associations or the St. Louis receivers will consider this suggestion.—I. M. Stone.

### BAD WEIGHTS SHOW CARELESS LOADING.

Grain Dealers Journal: It has been my privilege to visit such terminal or receiving markets as Chicago, Peoria, St. Louis, Cairo, Memphis, Nashville, Louisville, Atlanta, Chattanooga, New Orleans, Toledo, Detroit, Buffalo, Indianapolis, Lafayette and many others to which we ship grain. In these visits I have made it a point to investigate grades, weights and condition of grain upon arrival.

I firmly believe the average shipper does not pay enough attention to his elevator man and his work. The poor cooping of cars and the careless mixing of grain, either through neglect or ignorance of the result, loses many a dollar which could be saved by proper precaution: First by employing experienced or conscientious elevator men, and second, by giving attention to the carrying out of office instructions.

Every market center shows up the same carelessness on the part of some of the

shippers forwarding grain to its various receivers. The careful handling of grain at the country station will do much to prevent many discussions and dissatisfied customers. I believe that next to a clean bill of lading there is more trouble occasioned by careless elevator men than any other one question the shipper has to encounter to-day.

Grain bought on ample margins and properly handled will show good and reasonable profits ninety-nine times out of a hundred.—Yours truly, C. A. Burks, Decatur, Ill.

### COMPLAINS OF BALTIMORE WEIGHTS.

Grain Dealers Journal: While the associations are working to improve the weights of terminal markets they should not slight Baltimore. The weight of grain passing thru the Locust Point elevators is far from what it should be and I am convinced that something is wrong with the scales or the operators of those houses. Of course, it may be that the cars are not guarded in the railroad yards.

My weights hold out some better at the other Baltimore elevators and much better in the markets. As my experience is verified by that of my neighbors and I have my scales examined and tested frequently, I am convinced the trouble is not at this end.

Three or four years ago the Locust Point elevators were about on a par with the elevators at Canton, each taking about 2 per cent of the receipts to make them clean themselves. After considerable agitation the Canton elevators claimed to have reformed. Our weights were some better and other shippers said theirs were better. I think they were taking only 1 per cent, as a 1,000-bushel car of corn would invariably be reported 10 bushels short on the Canton side.

The Locust Point elevators have not changed, but continue to take about 2 per cent and I consider it high time Baltimore was taking steps to insure correct weights all the time, and to guard the loaded cars as they stand in the yards.—Ohio.

### THE SOUTH BARE OF FEED.

Grain Dealers Journal: I have just returned from an extended trip in the southeast, covering points in Kentucky, Tennessee and Georgia, visiting all of the larger market centers. I found the south perfectly bare of feeding grain and forage of all kinds save cotton hulls of native growth. The north has been shipping in large quantities of hay, corn and oats, and the stocks at the present time seem to be ample to take care of the demand. It would be fair to presume, however, that the south will continue to call on the grain-producing states of the north for supplies until another crop is raised. Cotton seed meal and hulls have been used almost entirely for feeding purposes this year, while some years the meal has been used for fertilizing purposes. Fertilizing plants have been established at quite a number of points and is really quite an industry. Different products are being used to reclaim the old, worn out land.

The "Sunny South" was a matter of myth at the time of my visit. The facts are that territory was visited by one of the heaviest snows which the south has had in nine years, the depth ranging from six to eight inches. This was followed by rain, which made the appearance of the country anything but attractive. The

south has many active and hustling business men. There is one thing which is pleasing to note, and that is the characteristic hospitality which exists in not only the business but social circles.—C. A. Burks, Decatur, Ill.

### The Chief Inspectors' Meeting.

The meeting of the Chief Grain Inspectors National Association in Philadelphia last month was a very enjoyable gathering and resulted in the inauguration of work which will prove beneficial to the entire grain trade.

The chief inspectors were given a real Philadelphia welcome and made to feel that the Quaker City leads all others in genuine hospitality. The inspectors were banqueted, given luncheons, dinners, theater parties, Christmas trees and taken in carriages to see all the sites of the city, until each began to think he was mistaken for Prince Henry. As the convention occupied three days, ample time remained for practical work.

The constitution and by-laws adopted declare the object of the association to be for the purpose of closer intercourse between the chief grain inspectors of the United States, with a view to preventing those differences which often arise where a misunderstanding of the customs of the various markets exist, and in order to advance the general interests of the grain trade by a more intelligent application of the grades and standards established in the different states.

Two most excellent provisions of the constitution and by-laws which will interest and benefit the grain trade at large are that the annual meeting shall be held at the time and place of the annual meetings of the Grain Dealers National Association, and that each inspector shall exhibit at such meetings not less than one peck sample of minimum of all contract grades in force in his market.

Another excellent provision of the constitution which will benefit the trade and should prove the forerunner of uniform grades is that the president shall appoint three or more members on each class of grain, who will select such samples as in their judgment are best suited for the minimum of the standard grades. These samples they shall submit to the association at each annual meeting, and shud such samples be approved by a majority vote of the convention, duplicates of such sample shall be furnished to each member, and by them submitted to their several grain committees or warehouse commissions for adoption or rejection, and unless such samples are unanimously adopted by all exchanges and warehouse commissions they shall not be binding on any market.

Resolutions of respect and condolence regarding the death of Chief Grain Inspector Robert H. Jenkins of Boston were adopted.

Under the new customs regulation for the temporary admission of wheat into France only the actual exportation of the merchandise will be considered justification for the reimbursement of the certificates, and the amount of the duty must in all cases be paid in cash upon the arrival of the wheat. Trafficking in the certificates of importation is prevented by making them non-transferable.



## ASKED AND ANSWERED

### TO EQUIP SCALES WITH REGISTERED BEAMS.

Grain Dealers Journal: I read in the Journal that type-registering scale beams are being more extensively used by grain men, with the result of fewer errors in weighing. Can these beams be put on any scales; if so, at about what cost? Any one answering this request will greatly oblige a grain dealer.—J. French, Smithfield, Neb.

### CAN RAILROAD COLLECT FREIGHT ON OVERDRAFT?

Grain Dealers Journal: Our railroads have a weighing bureau, and all of our shipments are subject to re-weights. This weighing is done by the bureau on track scales, and sometimes their weights are in excess of our own weights.

So far the railroads have declined to recognize our invoice weights when they are less than their weighing bureau weights, and they make us pay freight beyond the actual weight of the grain.

Please advise us if this matter has been tested in the courts at any time, and, if so, with what result.—Nashville.

### VERBAL CONTRACTS IN IOWA NOT VALID.

Grain Dealers Journal: I have read that verbal contracts for the future delivery of grain are void in Iowa; and would like to know if this is true, and under what law.

I am interested in a case of the kind which is expected to come up at the April term of court. A farmer sold about 1,000 bushels of oats, July 4, and delivered one load on the sale. He has received \$20 on the oats and refuses to deliver the balance or to settle.—Iowa Shipper.

Ans.: The application of the laws of Iowa to the sale of grain for future delivery under verbal contract is set forth in the Grain Dealers Journal for Feb. 25, in the third column of page 161.

### DELAY BY RAILROAD.

Grain Dealers Journal: In reply to the Detrick Milling and Distilling Co., who ask in the Journal for Feb. 25 for information on the question of responsibility of the railroad company for neglect to deliver a shipment of grain within the time limit ordered by consignee, I would say the railroad must settle with the seller if the grain was sold delivered the buyer's track, the seller to hand the proceeds of the settlement to the buyer. But if the grain was sold f. o. b. at the station where the shipment originated, then the seller has nothing to do with the claim, and the buyer must sue the railroad.

In this case the railroad seems so clearly liable that little difficulty would be experienced in obtaining a judgment. If suit were begun it is likely the company would quickly effect a settlement.—West.

### ACCOUNTING FOR WAREHOUSE SYSTEM.

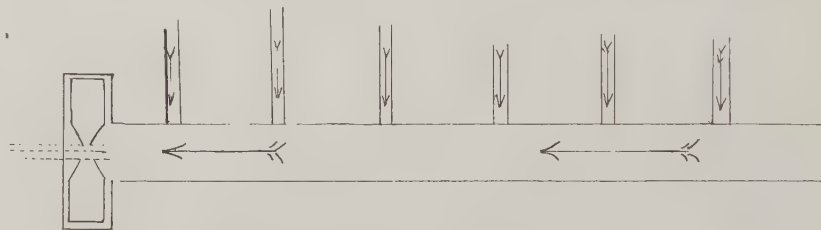
Grain Dealers Journal: We are about to put into operation a system of warehouses in connection with a large flour mill at this point, and desire a set of record grain books that will show: The kind and quality of grain on hand in any particular warehouse at any and all times. A separate record of the oats as to weight and grade in every house every day. This record could include barley. A rec-

ord book showing the shipments of wheat from warehouses to mill. A flour shipment record book adequately covering consignee, destination, etc. Daily report blanks for warehouse use, showing record of the day's operations for use and benefit of the general records. Record books of an auxiliary nature for use of warehousemen. We would be pleased to receive suggestions from any firms conducting mill and warehouses along these lines.

The mill property will own and operate the warehouse system; wheat, oats and barley will be handled both on storage and our own account. A large preponderance of the wheat will be bought by us, shipped to the mill and there converted into flour; the oats will be bought for our account almost entirely and resold all over the country, and so with the barley.—The Tekoa Co., Tekoa, Wash.

### UNSCIENTIFIC DUST-COLLECTING SYSTEM A SUCCESS.

Grain Dealers Journal: In the Jan. 25 issue of the Journal, on page 63, "A Reader" asks for information regarding a sweeper system. In the Feb. 10 issue, on page 111, the Knickerbocker Company of Jackson, Mich., answers that the whole system is improperly propor-



Unscientific Collecting System a Success.

tioned and arranged, and that an air current of high velocity used as a medium for conveying material from one point to another and without proper proportions will give all kinds of trouble.

The American Blower Co. of Detroit, in an article on the same page, gives a design for a correct dust-collecting system; also diagram of spouts and how they should be used.

In the Journal Feb. 25, page 161, Mr. Lockwood gives another idea of the trouble, with a way for correcting it; and on the same page Mr. Booth of Buffalo gives still another idea.

No doubt all of these articles are based on scientific principles and perhaps would correct the reader's trouble. These men all agree that the main spout should be reduced after each inlet spout that is added. In the face of this, I submit for consideration and inclose a cut of a system that a mechanic of experience said would not work, yet it did and does, and gives good satisfaction. The fan case is 28 inches in diameter and the fan has six blades, eight inches wide, and runs 1,500 revolutions per minute. The main spout is a square box, 12 inches inside measurement and 30 feet long, with six inlets, 3 inches by 4 inches inside measurement, tapping the main spout on top at an angle of 70 degrees, each of the inlets carrying chaff from a machine. No reduction in the spout is made at any point. All spouts are open at the end and each opening shows a strong air current. If there is any rule to follow in this work perhaps some reader of the Journal can explain this exception.—J. B. S.

### ILLINOIS CORPORATIONS MUST FILE AFFIDAVIT.

Grain Dealers Journal: The Secretary of the great state of Illinois has again commenced to pester us with frequent letters asking us to send him an "affidavit of corporation as to connection with trusts," also "\$1 fee for filing." We presume this fee is one of the perquisites which the politicians have provided for the office. We wish to know if the secretary of state has power to cancel our charter if we refuse to invest annually 25 cents in the services of a notary and \$1 in the cheap politicians found about the state house. Any light on this subject will be thankfully received.—Auburn Grain Co., Auburn, Ill.

Ans.—The act requiring corporations to make reports to the secretary of state and providing for the cancellation of articles of incorporation for failure to do so, approved May 10, 1901, is in full force and effect, and, like any other statute, should be obeyed. The charter of any corporation failing to make a report is liable to cancellation, and it is likely that about two-thirds of the concerns heretofore incorporated will cease their corporate existence shortly after the first of July next.

As to the motives which prompted the legislation, each one may be entitled to

his own idea. A similar statute was in force July 1, 1899, and legislation of the same sort has been recently adopted in many other states.—Mitchell D. Follansbee, 205 La Salle street, Chicago, Ill.

### CONTRACT CAN BE ALTERED ONLY BY AGREEMENT.

Grain Dealers Journal: Referring to the article of Mitchell D. Follansbee printed in the issue of Feb. 25, commenting upon the difference between Hanley & Co. of St. Louis, Mo., and C. E. Jones of Masonville, Ill., we would say that the cases cited are not parallel with that in dispute.

We agree with Mr. Follansbee that even a slight variation in an acceptance from the terms of the original offer will invalidate the contract, and in the three cases cited—viz., Baker vs. Holt, 55 Wisconsin, page 100; Northwestern Iron Co. vs. Meade, 21 Wisconsin, page 474, and Kleinkens vs. Jones, 37 U. S. Appeal, 185, this defect was in evidence and there was no contract for the reason acceptances in each instance were qualified. However, in the case of Hanley & Co. vs. Jones the defendant made a positive offer by wire, which was accepted by Hanley & Co. immediately by wire without any qualifications, which closed the contract, and neither of the parties could change it by a confirmation or by any act of theirs in any particular without the consent of the other party; and we still hold that the fact that Hanley & Co.'s confirmation did not agree with their wire acceptance does not invalidate the contract for the reason that they were bound by the original contract, which could not be changed by their confirma-



tion unless Jones assented to accept the confirmation instead of the original contract, which he did not agree to do. If Follansbee is still of the opinion that the position we have taken in this matter is erroneous we would suggest that the matter be submitted to another attorney by the Grain Dealers National Association and his opinion published for the information of the trade in general.—Yours very truly, Suffern, Hunt & Co., Decatur, Ill.

#### POOR IGNITION THE CAUSE OF ENGINE MISSING.

Grain Dealers Journal: In reply to the letter of S. W. S., whose gasoline engine threatens to burst on account of strong explosions, we would say this trouble is caused entirely by poor ignition. The engine misses a couple of charges and the gas accumulates in the exhaust passages and exhaust pipe; then when the next charge does ignite, it sets fire to all this gas in the exhaust pipe, causing an explosion. There is no danger of blowing off the cylinder head, but there is some risk in having the gas explode in the exhaust pipe. The remedy would be to test the ignition thoroughly and make sure that that is all right, and we think that will cure the trouble.—Pierce-Crouch Engine Co., New Brighton, Pa.

Grain Dealers Journal: If the charges are fired by electric ignition, the platinum points are corroded or the batteries are run down, or it may be that there is a short circuit in the wires or insulated electrodes. Examine the batteries and polish up the wires connecting them; also remove the electric igniter and use emery cloth on the points. It might be well to operate the igniter by hand when off the engine and see whether a rich spark is obtained at the points. If not, it will be a short circuit at the plug, and should be insulated with thin asbestos paper and mica put together with shellac.

It may be possible that the engine is not getting enough fuel in the first two suction to make an explosive mixture, when it would be well to give it more gas or gasoline.

The loud explosion referred to may be in the muffler, as the first two charges not being fired would accumulate in the muffler, and the next ignition would fire the mixture. It is seldom a cylinder explodes. We do not know whether S. W. S. is using hot tube ignition, but if so the missing fires may be due to a cold tube, or again improper mixtures.—Lazier Gas Engine Co., Buffalo, N. Y.

Grain Dealers Journal: His trouble is caused by the failure of his igniter to work. Evidently he is using an electrical igniter, although with the hot tube igniter he could have the same trouble. As he is running his engine, he takes in one or two charges, as he states, which are not consumed or ignited. These charges are exhausted out into the exhaust pipe and perhaps the next charge will be ignited; as the exhaust valve opens the flame from the exhaust ignites the charges previously exhausted into the exhaust pipe, and the explosion of the charge takes place in the pipe, causing the loud or heavy explosion he refers to. If he is using the battery igniter we would suggest that he renew his battery. If he is using the hot tube it may be he is not getting the tube hot enough. We have never known of engines being on ordinary work. We have known of engines being wrecked due to

some part not being strong enough for the work the engine has to do. A gas engine will run as smooth as a steam engine and any well-constructed engine will, if it is properly handled and cared for.—Pierce Engine Co., Racine Junction, Wis.

#### New Elevator at Missouri Valley, Ia.

The new cleaning elevator of the Updike Grain Co., at Missouri Valley, Ia., shown in the accompanying engraving, was completed and opened for the receipt of grain last month. Located on the C. & N.-W. R. R., the elevator has a capacity of 600,000 bushels. It will be used for cleaning and storage purposes in

inch rubber belts, and discharged by two self-moving reversible trippers. The grain is removed from bins by conveyor belts below, which are the same size as those above.

The elevator is equipped with a complete dust-collecting system, installed by H. L. Day of Minneapolis, Minn., which takes the dust from the elevator heads, boots, cleaners and floor sweeps, and feeds it into the furnaces.

Power is furnished by a 150-h. p. Reynolds Corliss Engine, manufactured by the Allis-Chalmers Co. The boiler room is equipped with two 60-inchx16-foot horizontal tubular boilers.

The weighing is done on two 52-foot



The Updike Grain Co.'s New Elevator at Missouri Valley, Ia.

connection with the Updike Co.'s twenty-six country houses in Nebraska. These elevators are on the Northwestern line and have a combined capacity of about 700,000 bushels.

The house at Missouri Valley is of cribbed construction, covered with galvanized, corrugated steel and roofed with galvanized, self-capping steel roofing.

In the working part of the house are three elevator legs, which are equipped with 7x20 inch buckets. Two of the legs are used for receiving grain, while all three can be used for shipping. The cleaning machinery consists of two No. 9 Invincible Separators and one No. 9 Invincible Oat Clipper. The nine bins in this part of the house have a capacity of about 6,000 bushels each.

The storage part of the house is divided into forty-eight bins, each having a capacity of 12,000 bushels. The grain is carried to the storage bins on two 28-

Howe Track Scales, of 80-ton capacity each; one is located on the receiving and the other on the loading track. The cars are handled by a puller with a capacity of 20 loaded cars.

The receiving capacity is 40 cars per day, and the loading capacity, when both tracks are used, 60 cars per day.

The Updike Grain Co. increased its capital stock to \$500,000 last year, and is now extensively engaged in the lumber, coal and live-stock business, as well as the grain business.

The Senate Committee on Finance has informally agreed that the tax on bucket-shops shall be retained.

The officers of the Grain Dealers National Association and of all the affiliated associations will hold a conference in Chicago March 28 and 29. A good move and one sure to work much benefit to all grain-trade organizations.



### Arbitration Favored by the Trade.

The hearty approval given the Grain Dealers National Association's plan for arbitrating trade differences between regular grain dealers has received such hearty approval from the majority of dealers as to prove conclusively that they recognize in it a long wished for way to settle trade disputes fairly and without going to court.

Among others who have recently expressed themselves favorable to arbitration we quote the following:

W. W. Alder, Buffalo, N. Y.: In regard to arbitration, will say that, should we have any differences, we shall most certainly take advantage of the arbitration plan.

H. D. Wetmore & Co., Chicago, Ill.: We are thoroughly in sympathy with arbitration and shall be glad to avail ourselves of the opportunity at any time.

J. H. Wilkes & Co., Nashville, Tenn.: We are certainly in sympathy with the arbitration plan, and will use it always in settling with country dealers. We believe arbitration is much better than suits at law.

Harroun Elevator Co., St. Joseph, Mo.: We are pleased to state that we are heartily in sympathy with this method of settling disputes that may arise between country dealers and receivers.

Suffern, Hunt & Co., Decatur, Ill.: It has always been our policy to insist upon settling differences with customers by arbitration, and we consider a firm who refuses to arbitrate unfair.

D. G. Stewart, Pittsburg, Pa.: This is certainly a move in the right direction and I most heartily congratulate the association upon its adoption. I stand ready at any moment to settle any difference which arises.

Jas. P. McAlister & Co., Columbus, O.: We would be very glad to arbitrate any differences we may have between members of the association and ourselves, and you may put us down as favoring this manner of settling differences.

W. R. Mumford Co., Chicago, Ill.: We heartily approve of the arbitration methods adopted by the association.

Scribner, Crighton & Co., Chicago, Ill.: We are entirely in sympathy with the arbitration plan of the association, and, while we have never had but one difference with a country dealer, will certainly be glad to submit any that we might have in the future to arbitration.

C. A. King & Co., Toledo, O.: Put us down in favor of arbitration at all times, both by the nation and in business.

Henry D. Waters, Buffalo, N. Y.: I certainly am in favor of the arbitration plan of settling differences and will be glad to use it in settling any differences which may arise with country dealers.

Choctaw Mill & Elevator Co., Memphis, Tenn.: We are heartily in sympathy with the arbitration plan and will use it in settling differences with country dealers.

J. R. Whitney, Carroll, Ia.: I am heartily in accord with the plan of arbitration and will be glad to avail myself of it when occasion requires. This is a step in the right direction and I hope and wish it every success.

Wright Grain Co., St. Louis, Mo.: We heartily indorse the scheme for arbitration and hope it will be adopted throughout the state organizations.

G. L. Graham & Co., St. Louis, Mo.: Yes, we are in favor of arbitration and would cheerfully submit any differences we may have from time to time to arbitration.

W. A. Fraser, Chicago, Ill.: We feel very friendly to such an arrangement and think it would be best for all parties to recognize it.

Goemann Grain Co., Chicago, Ill.: Yes, we are in sympathy with the arbitration plan, and will say that we are perfectly willing to arbitrate any differences that we may have with country dealers.

Franke Grain Co., Milwaukee, Wis.: The arbitration system is certainly a very good idea.

Burks Grain & Elevator Co., Detroit, Mich.: We are in hearty accord with the arbitration of differences between buyer and seller. If our various state associations would follow the plan of suspending firms refusing to arbitrate it would add strength and dignity to the faithful, and it would soon be that to be a member of an association would bespeak credit and a recommendation to their standing as dealers.

Daniel P. Byrne & Co., St. Louis, Mo.: We are most heartily in favor of

adjust differences through the channel of arbitration. We do not see how any honest and fair-minded person can object to this plan, and will go further and state that if there is any unwillingness on the part of any one to submit their differences for arbitration, it will demonstrate clearly that they do not want to act in a straightforward manner.

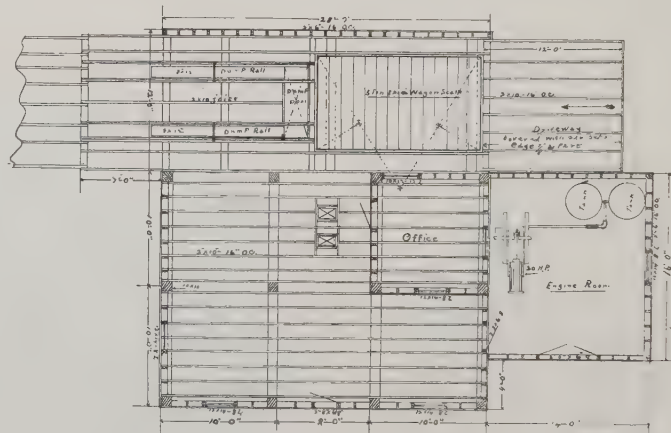
R. S. McCague, Pittsburg, Pa.: I know of no fairer way in settlement of disputes between members than leaving it to disinterested parties who are conversant with the rules and customs governing the grain trade.

Davis & Andrews Co., Memphis, Tenn.: We are in sympathy with the arbitration plan and will be perfectly willing to use it in settling differences with our country dealers.

John Wade & Sons, Memphis, Tenn.: The arbitration plan is agreeable to us at all times in preference to taking our troubles into court.

Bartlett Commission Co., St. Louis, Mo.: We are thoroughly in accord with the arbitration feature and believe it will result in great good.

Eaton, McClellan & Co., St. Louis, Mo.: The system of arbitration throughout the country which has been estab-



Ground Plan of Indiana Corn Elevator.

lished by the association is certainly an excellent thing, and will surely prove to be of great benefit to all the association members. We are in entire sympathy with this plan of arbitration and will certainly do anything in our power to help it along and use it as often as occasion requires.

F. H. Peavey & Co., Minneapolis, Minn.: We are strongly in favor of settling all differences with country dealers by arbitration.

E. W. Wagner, Chicago, Ill.: I heartily indorse the action of the Grain Dealers National Association in regard to arbitration. I feel that same is essential among all fair-minded grain dealers.

W. H. Merritt & Co., Chicago, Ill.: We are entirely in sympathy with the arbitration plan.

H. L. Halliday Milling Co., Cairo, Ill.: We are pleased to see the adoption of the system of arbitration and will be pleased to give our support at all times. We believe that this is the best method of settling questions which will arise and they can be adjusted amicably at less expense to parties involved.

Collins & Co., Cincinnati, O.: We are heartily in sympathy with the plan of arbitration to be used in the settlement of differences that may arise between the shipper and ourselves. We approve of this plan and sincerely hope that the day will come when all honest people, no matter where located, will be ready to

lished by the association is certainly an excellent thing, and will surely prove to be of great benefit to all the association members. We are in entire sympathy with this plan of arbitration and will certainly do anything in our power to help it along and use it as often as occasion requires.

Hallet & Co., Minneapolis, Minn.: We certainly are in sympathy with the arbitration plan and will use it in preference in settling differences with country dealers.

Tingley Bros., Columbus, O.: We think the arbitration idea is an excellent one, and personally we shall be only too willing to avail ourselves of it if we are ever so unfortunate as to need it.

Schaeffer & Boroff, Dayton, O.: The arbitration feature is a good one and we will be pleased to avail ourselves of its advantages. Differences are bound to arise from time to time, and occasionally we have to deal with questions that are hard to adjust. In such instances arbitration will be a boon, and where the parties concerned are fair and honest the differences can be adjusted without prejudice, thus leaving the way clear for future pleasant business dealings.

H. Hunter, St. Louis, Mo.: I am certainly in sympathy with arbitration, and



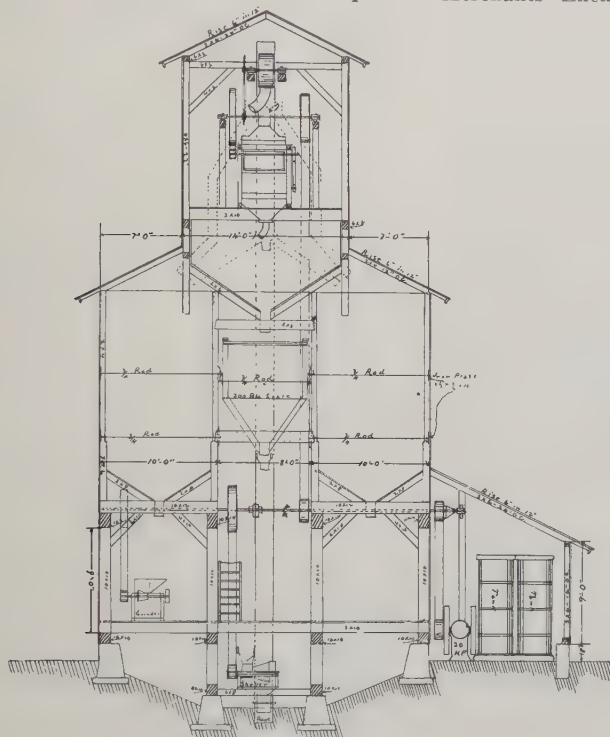
would be only to glad to avail myself of it should any differences arise calling for same in the future.

Way-Johnson-Lee Co., Minneapolis, Minn.: We certainly are in favor of arbitration, and any one that refuses to arbitrate is not right.

### An Indiana Corn Elevator.

The plans reproduced herewith are of a small corn elevator, which will be erected at moderate cost.

The dimensions of the house are 32x28 by 55 feet high, and the adjoining engine room is 14x16 feet. Posts 10x10 inches extend from the basement up thru the first story and support the bins overhead, which are hopper bottomed and cribbed. The walls are constructed of 2x6s up five



Side Elevation of Indiana Corn Elevator.

feet, and the remainder of 2x4s, supported by 3/4-inch iron rods.

The roof over the driveway is raised one story, giving room for two bins. The 5-ton, 8x14-foot wagon scales are in plain view of the office in one corner of the building. A window at one side of the office commands a view of the 20-h. p. gasoline engine, and a door at the opposite side gives access to the feed mill and stairway.

After having been weighed the wagon-load of ear corn is driven on the dump rails and discharged into the sink, from the bottom of which it is dragged by a No. 77 chain to the boot of the single stand of elevators, or to the sheller a few feet further on, as may be desired. The ears, if elevated, go direct to bins; if shelled, the whole goes to the corn cleaner in the cupola above the shipping bin. With the 300-bushel hopper scale a car may be loaded in a few drafts. A flexible loading spout aids to divert corn to the ends of the car.

The design was furnished by the Reliance Mfg. Co., of Indianapolis.

Grading for export is sometimes degraded by the expert.

### New Rules of St. Louis Merchants Exchange.

The Merchants Exchange of St. Louis, Mo., on Mar. 4 decided by a vote of 710 to 101 to make several changes in its rules. The most important change was to adopt a new tariff of commission rates and provide for the expulsion of members convicted of cutting these rates. Accordingly Section 12 of Rule IV was amended to read as follows:

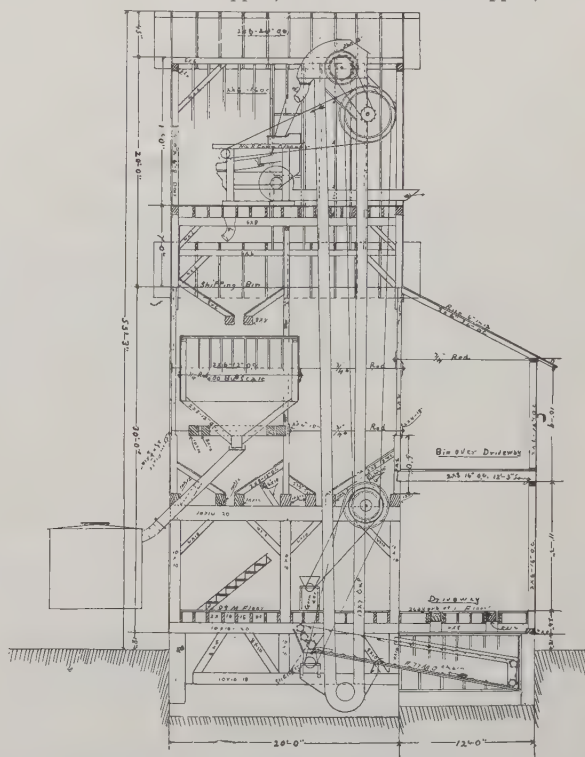
Sec. 12. The following rates of commissions are hereby established as the minimum charges which shall be made for the transaction of business by the members of this Exchange.

Any member who shall be found guilty by the Board of Directors of a violation or evasion, in any form or manner whatever, of any of the provisions of this section shall, on conviction, be expelled from the Merchants' Exchange.

Hay and straw in carloads of 10 tons or more .....50c per ton.  
Hay and straw in carloads of less than 10 tons .....\$5 per car.  
Flaxseed in bulk .....1 per cent.  
Flaxseed in sacks .....1½ per cent.  
Cloverseed in carload lots .....2½ per cent.  
Cloverseed less than carload lots .....2½ per cent.  
Timothy seed in carload lots .....1½ per cent.  
Timothy seed less than carload lots .....2½ per cent.  
Hungarian, millet, red top, cane and other seeds in carload lots .....2½ per cent.  
Hungarian, millet, red top, cane and other seeds less than carload lots .....5 per cent.  
Castor beans in carload lots .....1½ per cent.  
Castor beans less than carload lots, .....2½ per cent.

Flour in barrels or sacks .....10c per bbl.

For the purchase or sale, and for the purchase and sale of grain for future delivery, whether the contract for purchase or for sale be first made, on all kinds of grain in 1,000 and 5,000 bushel lots or multiples thereof, ¼c per bu., but on grain delivered on such contracts for future delivery (not otherwise provided for) to be shipped, or carried and shipped, or car-



End Elevation of Indiana Corn Elevator.

In addition to the following specified rates of commission, all other legitimate expenses in caring for and in protecting the property of the owner or consignee shall be charged against the property, and said expenses shall in no way be considered as included in the rates of commission.

#### TARIFF OF COMMISSION RATES FOR THE SALE OR PURCHASE OF

Wheat, barley and rye in bulk, on track, in elevator or to arrive .....1c per bu.  
Wheat, barley and rye in sacks, on track, levee, in elevator or to arrive, 2½ per cent.  
Wheat, barley or rye in sacks, on track, levee, in elevator, or to arrive, when the price is less than 60c per bu., 1½c per bu.  
Corn and oats in bulk, on track, in elevator, or to arrive .....½c per bu.  
Corn and oats in sacks, on track, levee, in elevator or to arrive .....2½ per cent.  
Corn and oats in sacks, on track, levee, in elevator or to arrive, when the price is less than 40c per bu. ....1c per bu.  
Ear corn in bulk, on track, in elevator, or to arrive .....1c per bu.  
Ear corn in sacks, on track, levee, in store or to arrive .....2½ per cent.  
Ear corn in sacks, on track, levee, in store or to arrive, when the price is less than 60c per bu. ....1½c per bu.  
Bulk grain of any kind by large load .....½c per bu.  
Bran, shorts and millstuffs, sacked or in bulk in carloads or 20 tons or more .....25c per ton.  
Bran, shorts and millstuffs, sacked or in bulk in carloads of less than 20 tons .....\$5 per car.  
Bran, shorts and millstuffs, per river .....2½ per cent.

ried longer than the following business day and sold, one-half cent per bushel.

Where property is bought or sold for immediate or future delivery for account of members of this Exchange, or for firms or corporations, one of whose general partners or officers is a member, one-half of foregoing minimum specified rates shall be the minimum charge.

For members who personally do their own buying and selling for future delivery, but who clear their contracts through other members or firms doing business on the floor of this Exchange, the minimum charge shall be 20 cents per 1,000 bushels, or multiples thereof for buying and 20 cents per 1,000 bushels or multiples thereof for selling.

Whenever a member of this Exchange acts in the capacity of a broker (the privileges and rights of such being defined in Section 3, Rule XIII) the minimum charge for the sale or purchase of grain shall be 10 cents per 1,000 bushels or multiples thereof.

Nothing in this section shall be so construed as to prevent agreements by which higher rates of commission and brokerage may be charged.

A new section, to be known as 'Sec. 14,' was added to Rule IV. It is as follows:

Section 14. It shall be in the power of the Board of Directors to fix the fees to be charged for the inspection of flour, hay, seeds, provisions and other articles, and to designate by whom said inspection fees shall be paid, and to make such rules for the government of the inspectors as



may be necessary; also to establish the tares to be allowed on produce, provisions, merchandise, etc., and to alter and amend the same from time to time; and the fees and charges so established by the Board of Directors shall be binding upon the members of the Exchange.

Section 3 of Rule XIII was amended to read as follows:

Section 3. Any member may act as a broker for a member of this Exchange only, and shall be required to name his principal during the session of the Exchange at which the trade was made, or at the time the trade was made if demanded; or failing to do so, shall thereafter be held responsible for such trade, at the option of the party with whom he shall have made the same, and shall also be held liable for the acceptance of such trade by his principal.

### Elevator Co. Not Liable for Damages Due to Runaway Caused by Gasoline Engine.

In the Grain Dealers Journal for Feb. 25, "Suits and Decisions," we published a brief mention of a suit brot by an Iowa farmer against the Des Moines Elevator Co. for damages.

The circumstances were these: A farmer living near Avoca, while driving near the company's elevator on his return from a trip to town, had his team frightened and they became unmanageable, ran away and threw him out, causing an injury which necessitated the amputation of his leg. Eleven months after the accident he brought suit against the company, claiming \$15,000 damages, and in the petition it was set out that \$5,000 of this amount was to go to his attorneys. At the time of his accident and for months afterwards the company's officers had no knowledge that they were interested in the matter in the least, but in his petition he alleged that the noise made by the elevator's gasoline engine was the cause of his team becoming frightened. The engine is a new Otto, 15 h. p. and had been installed about six months prior to the accident.

During the trial it was shown by the testimony of some twenty-five or thirty of the neighbors of the injured man that their teams had also become frightened; but it was also brought out on cross-examination that the fright caused by the noise of the engine was not of a sufficiently appalling nature to prevent their taking the same roadway afterward in coming in or going from town, although there were other and equally as good roads by which they could have avoided passing near the elevator, had they so desired.

It developed during the trial that one of the horses driven by the plaintiff was young and but recently broken, and as the case was taken from the jury the company's representatives had no opportunity to show what they believed to be the fact in the case, that the team was frightened and running away before they were near the elevator.

In the District Court of Pottawattamie Co., Iowa, at Avoca.  
Albert Wolf

vs.  
The Des Moines Elevator Co.  
Ruling of Court on motion to direct the jury to return a verdict for the defendant.

Court—The only question that arises under this motion for a directed verdict is the question or the fact that this elevator is being conducted upon the right-of-way of the railroad. There would be a distinction if it were being conducted without regard to the railroad company and the business of the railroad; it stands in the same relation as if it were being conducted by

the railroad company in connection with its business; the fact that the elevator is upon the right-of-way doesn't change the principle any way. In substance and effect the question is whether or not gasoline power can be used as a motive power in an elevator situated as this is. If the company has the right to use that power they are not required to take all the possible means of protection that they could possibly take. If they are there upon the right-of-way and conducting their business in connection with the railroad company as a public carrier, why they have certain rights. It seems to me that they would have the same right, the same protection as the railroad company would with respect to its engines in the operation of its cars. Now the blowing off of steam near a crossing or right at a crossing, if it is not wantonly and uselessly done, is a right they have in the ordinary and necessary use and conduct of its business. It is said there is no highway down there. Now as a matter of fact that is not a highway; as a matter of fact the railroad company possibly could terminate that privilege and end that license and prevent it from being further used. Thus far it has been used in such a way that its use is really not adverse to the interests or rights of the railway company. Those two businesses are being conducted together; the fact that they sell wheat to the mill or to private parties now and then does not change the character of their business, there being operated in connection with the railway business. Now, when any one approaches that elevator he approaches it charged with the knowledge that it is upon the right-of-way, being conducted in connection with the railway and must be on his guard. They have the right to use their machinery and use it to the very best advantage, if they don't wantonly and unnecessarily sacrifice the rights of others or infringe upon their rights. In my judgment this record here doesn't show this to be a public nuisance; the record doesn't show that this machine wasn't properly constructed for the purpose for which it was intended; the record doesn't show that it is not being managed, that it is not being used in the ordinary and natural way of using it; the record doesn't show that it makes any more noise or any different noise than engines of that make and size and with that work to do. So that the allegations here, without going further than the original petition I don't think are supported by the testimony, and that being the case and being my judgment, I don't think this plaintiff can maintain this action, simply because it is an elevator on a right-of-way of a railway company and being conducted and used in connection with the railway business, and it is not out upon a public highway in the sense of some other kinds of business. The law or courts have had some difficulty and taken some time to define the rights of these new inventions as they come along, the bicycle, the automobile and street cars and all these different appliances and means of travel being new and until become accustomed to they are somewhat dangerous to the foot passenger or horse or vehicle; but so long as they are being used with ordinary and reasonable care in carrying out the purposes of their use why we have got to use them and be on our guard and get use to them; any other rule would stop progress in my judgment.

My judgment of the law is that the building down here and business is upon the right-of-way of the railroad company, and being conducted in connection with the business of the railway company, and the record doesn't show such a state of facts as would make it a nuisance to the public and subject to the control of the court, or render it liable in damages for the frightening of a horse. The motion to direct a verdict will be sustained and the record will show that a verdict was returned, and plaintiff will be given an exception, and one hundred days to settle and file a bill.

### Books Received.

CHIEF GRAIN INSPECTORS NATIONAL ASSOCIATION. The proceedings of the first annual convention held at Philadelphia, Pa., Feb. 13, 14 and 15, have been published in a 26-page booklet of considerable typographical merit. A brief report of the meeting was given in the Grain Dealers Journal for Feb. 25.

### Grain Receipts.

For the week ending Mar. 8, the receipts of wheat, corn and oats at nine primary markets, and at the leading seaports, were:

WESTERN PORTS.	Wheat, bu.	Corn, bu.	Oats, bu.
Chicago.....	316,025	729,159	879,000
Milwaukee.....	227,200	132,050	102,300
Minneapolis....	972,600	55,080	76,230
Duluth.....	785,537	.....	.....
St. Louis.....	134,000	283,000	401,680
Toledo.....	61,000	111,517	60,800
Detroit.....	38,974	28,377	39,274
Kansas City....	167,200	336,000	.....
Peoria.....	33,600	397,982	118,850
Total.....	2,736,136	2,073,165	1,678,134
Last week.....	3,857,042	2,680,664	3,151,816
Last year.....	3,940,434	4,940,778	3,332,668
SEABOARD.			
New York.....	248,900	92,000	251,000
Boston.....	215,528	6,780	72,887
Philadelphia....	74,179	39,560	28,909
Baltimore.....	79,628	118,242	30,621
New Orleans....	56,000	51,000	.....
Galveston.....	8,500	.....	.....
Total.....	682,745	307,582	388,417
Last week.....	960,329	516,322	488,813
Last year.....	1,315,521	3,044,613	796,934

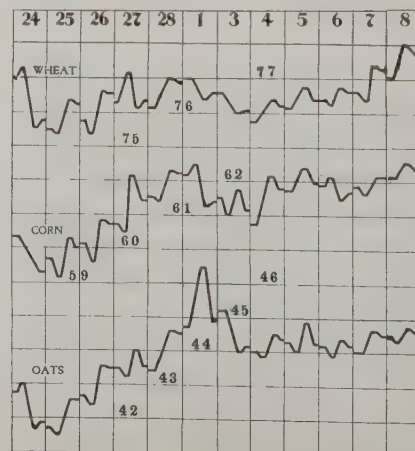
### Grain Shipments.

For the week ending Mar. 8, the shipments of wheat, corn and oats at nine primary markets, and at the leading seaports, were:

WESTERN PORTS.	Wheat, bu.	Corn, bu.	Oats, bu.
Chicago.....	2,30,426	273,151	866,435
Milwaukee.....	29,900	17,150	48,100
Minneapolis....	201,460	46,100	31,150
Duluth.....	1,600	23,846	.....
St. Louis.....	198,000	440,000	197,875
Toledo.....	11,000	74,800	29,515
Detroit.....	24,066	22,397	.....
Kansas City....	88,800	317,600	.....
Peoria.....	59,919	84,576	139,010
Total.....	815,171	1,299,619	1,312,085
Last week.....	1,309,612	1,592,065	1,349,092
Last year.....	1,442,316	2,134,238	2,065,251
SEABOARD.			
New York.....	364,976	72,481	8,894
Boston.....	330,889	.....	.....
Philadelphia....	48,000	13,784	48,090
Baltimore.....	16,286	120,999	600
New Orleans....	181,685	64,286	.....
Galveston.....	72,000	.....	.....
New York News.	24,000	17,142	.....
Total.....	1,037,836	288,692	57,584
Last week.....	1,415,102	338,878	97,876
Last year.....	1,511,584	3,624,851	307,940

### Prices at Chicago.

The opening, high, low and closing quotations on wheat, corn and oats for the May delivery at Chicago for two weeks prior to Mar. 10, are given on the chart herewith:





## GRAIN CARRIERS.

When will navigation open on the Great Lakes?

The Ohio legislature is to vote on the abandonment of the Miami & Erie canal.

Freight officials representing the lines entering Louisville, Ky., held a conference recently to compare tariffs and discuss grain rates.

The glut of grain is so heavy at interior Manitoba stations that it is even feared all the wheat cannot be moved out before the next crop comes on the market.

Car sweepers have been causing heavy loss to shippers on the Chicago, Milwaukee & St. Paul Railway, and the officials will take vigorous action to stop the stealing.

A line of steamers will be operated along the west shore of Lake Michigan by the Barry Bros. Transportation Co. At Manitowoc the company has leased the dock property of Samuel Hall, grain dealer.

An old bill of lading is exhibited in the office of a Buffalo firm. It is dated Oct. 28, 1863, and covers a cargo of 19,500 bushels of wheat shipped from Chicago by E. K. Bruce to P. L. Sternberg. The freight was 10½ cents per bushel.

Grand Haven, Mich., claims to have shipped the first cargo of grain from a Lake Michigan port. In 1836 the brig John Kinzie carried 3,000 bushels of wheat from Grand Haven to Buffalo. Chicago made its first shipment two years later.

The Ontario Ship Railway Co. has been chartered by the legislature of Ontario to build a line between Collingwood and Toronto, 95 miles in length, for the movement of vessels from one body of water to another, while floated on a huge cradled flat car.

Montreal grain men fear that the recent acquisition of the Canada Atlantic Railway by the Vanderbilt system will work to the disadvantage of Montreal, which has been enjoying the grain trade brot in by the road. It is expected that the Vanderbilt lines will prefer to build up the trade of Boston.

Chas. C. Davis of Davis & Co., operating elevators at Laura, Williamsfield, Dahinda and Appleton, Ill., is one of the promoters of a line of railroad to be built thru Etherley, as part of a line to be built by an Indiana company thru Illinois to Keokuk, Ia. Mr. Davis will operate elevators along the line if it is built.

The Illinois Railroad and Warehouse Commission began an investigation, Feb. 26, of the alleged exorbitant and unreasonable charges made by western railroads on grain switched at Chicago. The extra charge is made on cars hauled from the outer yards for re-inspection. Ordinarily the cars remain in the outer yards, and are forwarded direct to destination without extra charge.

Changes in the rates on rice will be made by the Texas Railroad Commission. The new rates on seed rice are, to points on the International and Great Northern south of Willis, including Columbia branch stations; also to stations on the Velasco, Brazos and Northern railroads from Houston: Carload 10 cents and less than carload 15 cents per 100 pounds. From Galveston to same points, carload 12 cents, less than carload 18 cents per 100 pounds, except where current rates may be less. The railroad commission will probably either establish a commodity rate for the transporta-

tion of rice, both rough and cleaned, or include rough rice among the products covered by the grain tariff, giving it the corn rate, and include cleaned rice among the products covered by the flour tariff.

### New Fireproof Elevator.

The building of fireproof elevators is a problem which the elevator builders of the country have been studying for some time. During the last few years many patents have been granted on various methods of using steel, tile, brick and cement for the construction of fire-proof grain elevators, and now there are a

by spouts and brought back to the elevator on a conveyor belt. Grain is also spouted into mill from elevator.

This plant is fire proof, and the building could not be damaged to any great extent from external heat. The only part that could be damaged would be the steel tanks, which might warp and cave in, if there were any great heat from a nearby building.

### Cobs.

Fred Faulkner of Cedar Rapids, Ia., writes: What has become of the scalper? Oh, but the solicitor's life is becoming all roses since the Grain Dealers



W. H. Stokes Milling Co.'s Brick Elevator and Mill at Watertown, S. D.

number of houses built from the above material. Prohibitive insurance rates will drive the wooden house out of the large grain centers.

With a number of builders brick seems to be the material chosen, because it can be procured almost anywhere and laid by local help.

The accompanying illustration shows the new brick elevator, mill and steel storage tanks erected by S. H. Troman-hauser of Minneapolis, Minn., for the W. H. Stokes Milling Co., at Watertown, S. D.

The elevator is 36x40 feet and 100 feet high from the bottom of the foundation to the top of the cupola. It has a capacity of 50,000 bushels, divided among 14 bins, the largest holding about 4,500 bushels and the others varying in size to suit the requirements.

The foundation is made from concrete, footing stone and rubble walls to the top of the ground. On this the brick walls are laid. Ordinary, common Princeton select brick and Milwaukee cement is used. The walls are laid in arch form, the convex side inward, each arch or bin wall joins a pilaster at its base. Rods are laid in at intervals to tie the base of the arch. The four walls of each bin are constructed in a like manner.

The elevator contains four elevator legs, each incased in steel, two cleaning machines, one power shovel and one 100-bushel hopper scale. On the track side is an 80-ton track scale and on the opposite side is a 22-foot dump scale. All three scales are of the Fairbanks-Morse make. A 50-h. p. dynamo furnishes the power for driving the machinery.

This elevator is located on the C. & N.-W. R. R., but grain can be received from the M. & St. L. Ry. and carried into the elevator by a belt conveyor. Grain is delivered into the two steel storage tanks

Journal drove the scooper out of business. No more worry or overdrafts. Much luck to the Journal. May its shadow increase.

The Thor Lumber & Grain Co. of Thor, Ia., writes: We do not wish our advertisement of timothy seed in the next issue of the Grain Dealers Journal, as we are receiving a good many inquiries from last advertisement. If we do not sell our seed we will try the Journal again.

America supplies more wheat to Europe than the total from all other exporting countries and yet it is absolutely true that from July to June the constant effort of the American Press and grain dealer is to see how cheaply and not how well—the grain can be sold.—Pope & Eckhardt Co.

A moderate decrease is expected in Monday's visible supply figures of actual wheat;—but listen! the supply of "wind" wheat—which fixes values—is absolutely unlimited. When men with nothing but a mouth and pencil are occasionally uncovered and found short 10 to 15,000,000 bu each, you can see how whole States are "left," as crop raisers—in comparison with the chap of lusty lungs and protruding jaw.—Pope & Eckhardt Co.

Senator Albert J. Beveridge, writing on China in the Saturday Evening Post, says: Soil which will grow any vegetable in the temperate zones and some of those of the semi-tropic countries are there. (You may see wheat, barley, oats, tobacco, potatoes, Indian corn, beans, millet, growing in fields that look like miniature American farms, or rather like overgrown American gardens, in all the inhabited portions of Manchuria. The soil is so rich that many crops were seen last summer upon soil from which the first crop had been gathered only a fortnight before.)



## Puts and Calls Declared Illegal in Illinois.

The United States Supreme Court at Washington rendered a decision Mar. 3 upholding the constitutionality of the law enacted by the state of Illinois to prohibit options to sell grain at a future time.

The test case was entitled *Alfred V. Booth v. the State of Illinois*; and the particular offense related to a contract with the Weare Commission Co., reserving the right to buy 10,000 bushels of corn at 31½ cents per bushel at any time within ten days. The corn was actually delivered.

The court was divided in opinion, Justices Brewer and Peckham dissenting. Justice Harlan gave the decision of the court, as follows:

"We cannot say from any facts judicially known to the court, or from the evidence in this case, that the prohibition of options to sell grain at a future time has in itself no possible relation to the suppression of gambling in grain contracts, in respect of which the parties contemplate only a settlement on the basis of differences in the contract and make the prices. Perhaps the legislature thought that dealings in options to sell or buy at a future time, although not always or necessarily gambling, may have the effect to keep out of the market, while the options last, the property which is the subject of the options and thus assist purchasers to establish for a time what are known as corners, whereby the ordinary and regular sales or exchanges of such property based upon existing prices may be interfered with and persons who have, in fact, no grain, and do not care to handle any, are enabled to practically control prices. Or the legislature may have thought that options to sell or buy at a future time were, in their essence, mere speculations in prices and tended to foster a spirit of gambling. In all this the legislature may have been mistaken. If so, the mistake was not such as to justify the conclusion that the statute was a mere cover to destroy a particular kind of business not inherently harmful or immoral. It must be assumed that the legislature was of the opinion that an effectual mode to suppress gambling in grain contracts was to declare illegal all options to sell or buy at a future time. The court is unable to say that the means employed were not appropriate to the end sought to be attained, and which it was competent for the state to accomplish. We cannot adjudge that the legislature of Illinois transcended the limits of constitutional authority when enacting the statute in question."

Ethics, morals, the right to contract, did not enter into the question, as viewed by the court. The legislature has the power to enact laws for the good of the majority; and the good citizen must often surrender an innocent right for the promotion of the general welfare.

The exodus of speculators from Chicago to Milwaukee, which began a year ago, has continued until few traders in puts and calls remain to be driven away by the latest decision of the courts. The laws of Wisconsin are silent. The remarkable gain in the speculative grain trade of the Milwaukee Chamber of Commerce is permanent; for the movement to repeal the Illinois law is not taken seriously.

Memphis has 125 miles of paved streets and over 100 miles of electric car lines, reaching over seventeen routes.

## E. S. Blasdell.

The young man of to-day, to succeed in this busy, rushing world, must be one who is quick to grasp ideas and willing to work.

E. S. Blasdell, whose likeness is shown herewith, a bright, active young man, has been connected with his father for the last five years in the management of C. Counselman & Co.'s elevator at Gowrie, Ia. Having shown himself worthy of



E. S. Blasdell, Gowrie, Ia.

more responsibilities, he has recently been promoted to the position of traveling auditor for the Counselman company.

Mr. Blasdell, being a gas-engine expert, will also look after the gas engines in the different country elevators of Counselman & Co.

His many friends throughout Iowa will be glad to learn of his advancement.

## Shucks.

Capital to the amount of \$20,000,000 is invested in the rice fields in Texas.

I would caution you in another respect, that of selling on indefinite terms, such as "destination weights" or "inspection." This means weight and inspection any place between the Atlantic and Pacific oceans. It may mean a central market, it may mean an interior town, or it may mean an obscure switch remote from any one but the man who is buying the stuff. If you will insist upon knowing where your stuff is to be weighed and where inspected you will at least not be accused of carelessness to your own best interests.—A. H. Bewsher, Secretary of the Nebraska Grain Dealers Association.

The xerophytic, or drought-resistant, wheats of Russia and Algeria were the subjects of discussion at a recent meeting of the Biological Society in Washington. There are several groups of this species of wheat, and they differ from ordinary wheat, not only in their ability to resist the effects of drought, but in their appearance. The heads are big and flattened, with much chaff, long beards and very large, yellowish-white grains, which are extremely hard and vitreous in fracture and often somewhat transparent. It is found that these wheats are especially adapted to the semi-arid plains from North Dakota to Texas. They make excellent bread and are particularly suitable for macaroni.

## SUITS AND DECISIONS

The death of the drawer operates as a revocation of a check, so that, if the bank pays it after notice of that fact, it does so at its peril. *Weland's Adm'r v. State Nat. Bank*, 65 S. W. 617.

Wagon scales set on a foundation of stone and mortar within which the platform is hung and from which support-rods extend through the wall under a building, through its floor, to the beam on the inside where the weight is ascertained, are held to be fixtures, when they are set up for the express purpose of the business and everything indicates that they are intended to remain permanently. *Thompson v. Smith*, 50 L. R. A. 780.

An order for a gasoline engine, providing that the buyer should pay therefor a certain sum, payments to be made "when engine is set up, running, and meeting your (the seller's) claims," etc., does not constitute a purchase, but is a mere agreement for a purchase on certain terms to be performed by the seller. *Davis Gasoline Engine Works Co. v. Supreme Court of Iowa*, 88 N. W. 948.

Under Code, c. 4, Sec. 1741, providing that no application or representation made by a person obtaining insurance shall be introduced as evidence unless a copy of such application or representation be attached to the policy, an insurer cannot show the falsity of statements contained in an application or representation where no copy thereof is attached to the policy. *Corson v. Iowa Mutual Fire Ins. Asso.*, Supreme Court of Iowa, 88 N. W. 1086.

The presumption of negligence on the part of a railroad company in case property is set on fire by sparks from a locomotive is held insufficient to make a conflict of evidence which will take the case to the jury, where there is undisputed proof of due care in the construction and operation of the locomotive, although the setting of the fire creates a prima facie presumption against the company. *L. & N. R. Co. v. Marbury Lumber Co., Ala.*, 50 L. R. A. 620.

Just or unjust, a Chamber of Commerce has power to enforce its rules against any member. Judge Tarrant so decided, March 1, in the application of Bartlett, Frazier & Co. for an order of court to restrain the Milwaukee Chamber of Commerce from suspending or expelling the firm. The trouble was caused by one of the firm's clerks exceeding his authority in selling puts and calls. The fact that he was within his authority when checking up the same trades complicates the question.

A charter contained the following provision: "Demurrage to be paid for each working day beyond the days allowed for loading and discharging at fourpence per registered ton per day, and the charterers may keep the ship on demurrage ten days." Held, that the last clause did not limit the time for which demurrage was recoverable, leaving the question of damages for a longer detention to be determined by evidence, but that the stipulated rate was recoverable for each working day beyond the lay days allowed, whether more or less than ten days. *Jonasen v. Keyser et al.*, 112 Fed. Rep. 443.

Under Code Civ. Proc. Sec. 2381, which provides for an appeal from an order vacating an award, or from a judgment entered upon an award, an appeal from the award of an arbitrator, to whom questions of law were submitted on an agreed



## SEEDS.

statement of facts, presents for review only such questions as would be raised by a motion under sections 2374 and 2375 to vacate, modify or correct the award, and does not bring up for review the question as to the correction of the award upon the merits; and where no motion has been made to vacate, modify or correct any defect, the award is not reviewable. *Wilkins v. Allen*, Court of Appeals of New York, 62 N. E. 575.

Judge Thompson of the Federal Circuit Court at Cincinnati, O., on Mar. 1, denied the request of the Chicago Board of Trade for a temporary order restraining the O'Dell Commission Co., a bucket-shop, from using the continuous market quotations originating in the Board of Trade. The bucket-shop attorneys persuaded the court that much of the business transacted upon the board was speculation, without delivery of property; and that the board should not be granted the injunction, as it did not come into court with clean hands. Geo. F. Stone, secretary of the Board of Trade, says: "The courts uniformly have upheld the board in its fight against bucket-shops, and this is the first time the board itself has been charged with the thing it has sought to stamp out. This is only the preliminary injunction that is refused, and I have hopes that Judge Thompson will see things in our light on the appeal for the permanent injunction."

Plaintiff and defendant entered into an agreement to exchange an equal number of bushels of wheat in February, 1898. The defendant's wheat being seed wheat, and the more valuable, plaintiff was to haul his wheat to the elevator and deliver the storage tickets to defendant, and was to pay storage charges until April 1. Plaintiff was also to accept the seed wheat at defendant's residence, and haul the same to his own place. Plaintiff complied with all the terms of the agreement, and demanded the seed wheat, which defendant refused to comply with, he having previously sold such seed wheat. Held, that the measure of damages for the breach of such contract would be the difference between the value of the seed wheat at the time and place it was to be delivered and the market value of plaintiff's wheat at the time of the refusal of the defendant to accept the tickets for the same. Held, that such damages are measured and determined under section 4985, Rev. Codes. Held, further, that under section 3997, Rev. Codes, the provisions of section 3958, Id., apply to contracts for exchange of property, where the value of the property to be exchanged by either party is \$50 or more. Held, also, that the measure of damages laid down in section 4985, Rev. Codes, applies to cases of breach of valid contracts of exchange of personal property. Held, further, upon a review of the evidence, that the verdict of the jury upon the question of the making of a contract by the parties and the delivery of a part of the property agreed to be exchanged by said contract is sustained by the evidence. *Talbot v. Boyd*, Supreme Court of North Dakota, 88 N. W. 1026.

Cuban imports of breadstuffs during the eight months ending Sept. 1, 1901, were 10,800 bushels of barley, 1,133,097 bushels of corn, 308,765 bushels of oats, 90 bushels of rye and 294 bushels of wheat, compared with 16,910 bushels of barley, 1,031,586 bushels of corn, 186,705 bushels of oats, 481 bushels of rye and 1,440 bushels of wheat during the corresponding eight months of 1900.

Linseed oil crushers are said to be buying wild mustard seed.

Exports of clover seed from Baltimore have been almost nil this season, and the stocks on hand are small.

The Whitney-Eckstein Seed Co. of Buffalo, N. Y., will, on Apr. 1 extend its business to the regular grain trade.

Robert Marks & Co. have opened a seed store at Connersville, Ind., and will buy and sell clover and timothy seed.

The National Seedgrowers Association will hold its annual convention at Minneapolis, Minn., about the first Tuesday in June.

Professor A. D. Shamel of the University of Illinois is arranging to test seed corn for farmers. Samples should be sent before Apr. 1.

Nutt, Allen & Co., St. Johns, O., Mar. 1: But little clover seed remaining in first hands; demand for spring sowing fair, with more seed in elevators than the home trade will consume.

The Jerome C. Rice Seed Co. of Cambridge, N. Y., is establishing a growing station at Oconto, Wis., where O. L. Coulter, its representative, is contracting with farmers for the growing of peas.

The Northwest Seed & Trading Co., Ltd., has begun business at Winnipeg, Man. Hunter Cooper is president of the company and R. M. Chester, who has been in the seed business for twenty years at Winnipeg, is manager.

W. A. Dennison, a wholesale seed grower at Ellisburg, N. Y., has bot 16 acres of land at Adams Center, N. Y., and will build a large seed house, 70 by 30 feet. This purchase will place his office on the railroad and thus facilitate shipment of goods.

The A. A. Berry Seed Co. of Clarinda, Ia., has equipped its warehouse with a large cleaner and sheller and will be able to send out cleaner seed in consequence. The company also intends to erect a two-story building in the business portion of the town for use as an office and mail-order house.

G. H. Clark, chief of the seed division, Dominion Department of Agriculture, says: A great deal of clover and grass seed is sold in some districts in Canada that contains large quantities of noxious weed seeds and is a decided injury, not only to the farmer who buys it, but to the locality where it is grown.

Chicago received during the week ending Mar. 8 615,020 pounds of timothy seed, 94,982 pounds of clover seed, 463,845 pounds of other grass seed and 48,311 bushels of flaxseed, compared with 587,800 pounds of timothy seed, 260,585 pounds of clover seed, 442,120 pounds of other grass seed and 83,550 bushels of flaxseed during the corresponding week of 1901.

Chicago shipped during the week ending Mar. 8 1,052,162 pounds of timothy seed, 308,721 pounds of clover seed, 430,438 pounds of other grass seed and 13,078 bushels of flaxseed, compared with 1,282,702 pounds of timothy seed, 575,116 pounds of clover seed, 210,912 pounds of other grass seed and 46,894 bushels of flaxseed during the corresponding week of 1901.

The Toledo Produce Exchange has

protested to the underwriters against the recent increase in the rates upon seed warehouses. The increase is greater in proportion than upon other classes of city property, very much greater than in Chicago and other leading cities, and particularly unfair to Toledo, where the insurance companies have never paid a loss on a seed warehouse.

Cuban imports of clover seed during the eight months ending Sept. 1, 1901, as reported by the War Department, amounted to 112,474 pounds, and the imports of flax and timothy seed combined to 617,396 pounds. Statistics for the corresponding eight months of 1900 are not given, but for the two months ending Sept. 1, 1900, imports of clover seed were 2,978 pounds, while flax and timothy combined amounted to 8,122 pounds.

C. A. King & Co. write: Statistics on clover seed are hard to get. Few markets keep any. St. Louis would make a bullish and Canada a bearing showing this season. Toledo has had larger receipts, while Chicago and Baltimore have had smaller. Baltimore has exported little, most of the Canadian seed going via New York. Detroit has received more this season, considerable coming from the backwoods of Michigan. Milwaukee would probably show about the same as last season.

J. F. Zahm & Co. report that clover seed receipts at Toledo for the week ending Mar. 8 were 3,960 bags and the shipments 6,285 bags, compared with 1,260 received and 4,892 bags shipped during the corresponding week in 1901. For the season prior to Mar. 8 the receipts have been 109,190 bags and shipments 87,193 bags, compared with receipts of 61,240 bags and shipments of 84,484 bags during the corresponding period in 1901 and 123,928 bags received and 127,127 bags shipped during the corresponding period of 1900.

A seedsman guaranteed in his catalogue and card accompanying the seed that seed oats should be delivered in good condition, and stated in both that he exercised the greatest care to have his seeds pure and clean, that if not as represented he would refill the order and that if the oats were not accepted on these terms they must be returned at once. The oats contained a large quantity of mustard seed, which was easily discoverable by spreading the oats on a flat surface, or even on the hand. Held, that there was no express or implied warranty of the quality of the seed. 74 N. Y. Supp. 224.

## On the Board.



Officer—"Say, what are you looking for in this wheat pit?"

Visitor—"I hear a pile of money was lost on this floor to-day."—Chicago Daily News.



# GRAIN TRADE NEWS.

## CANADA.

Mr. Mutton has purchased the flour mill at Minnedosa, Man., and will build an elevator.

Steps to revive the old Dominion Board of Trade were taken at a meeting March 4 at Ottawa.

The government grain elevators at St. John, N. B., and Halifax, N. S., during 1901 cost \$3,989 and \$2,016 to operate.

Jos. R. Roy and J. S. Laurent, grain dealers of Ottawa, visited Duluth, Minn., recently to arrange for the export of Manitoba wheat via that city.

The Manitoba legislative inquiry into the administration of the grain act continues. Nothing has been developed discreditable to the grain dealers.

The Winnipeg Grain Exchange, at its regular meeting March 5, advanced the price of active memberships to \$250 and of associate membership to \$50.

T. T. W. Bready, manager of the Winnipeg Elevator Co., Winnipeg, Man., while visiting Minneapolis recently, purchased 40 gasoline engines and other equipment for 50 new elevators.

The farmers and citizens of Alameda, Assa., and the surrounding districts are all willing to pay their share toward a 30,000-bushel elevator and a 100-barrel flour mill.

On account of the car shortage the Lake of the Woods Milling Co., of Keewatin, Ont., has been compelled to close its extensive plant. The company has large quantities of grain bot in the interior.

Quick work was done by the Northern Elevator Co. in erecting its new warehouse at Winnipeg. Construction began Feb. 14 and on Feb. 21 the house began receiving grain. Its capacity is 180,000 bushels.

Chief Grain Inspector Horn of Winnipeg, Man., reports the total number of cars of grain inspected during the six months prior to March 1 as 36,558, of which 34,228 contained wheat, 1,991 oats, 197 barley and 102 flaxseed; against a total of only 9,711 cars during the corresponding months a year ago.

A large elevator at Mariposa Station, Ont., belonging to Hogg & Lytle, and used as a warehouse for cleaned and seed grain, was burned March 3. At the time of the fire the building contained a large stock of peas, wheat, oats and buckwheat in bags, ready for delivery. Only a little grain was saved and the loss amounts to \$10,000 or \$12,000, covered by insurance. An adjoining elevator and engine were saved with difficulty. Hogg & Lytle will rebuild immediately.

The Ottawa Trust & Deposit Co. has been appointed to close up the affairs of the Prescott Elevator Co., which has been declared insolvent by the courts. This company, capitalized at \$300,000, erected an elevator at Prescott, Ont., several years ago and since has carried on a competitive business with the elevators at Ogdensburg, N. Y., and Kingston, Ont. The Wolvin Co., which will establish a new lake and river route from Duluth to Quebec this season, contemplates the purchase of this elevator,

and its representatives paid a visit of inspection Mar. 6.

The bill authorizing municipalities to erect elevators has had a second reading in the Manitoba legislature. It is provided that the council of every rural municipality may pass by-laws to authorize the municipality to erect, own and operate grain elevators within the municipality, and to borrow money for the construction, operation and repair of such elevators, and to issue debentures therefor, and to levy rates for payment thereof on the rateable property within the municipality. The bill was prepared by an attorney at the request of the municipality of Arthur, which desires to erect an elevator. If the bill becomes a law a large number of expensive elevators will soon be on the market.

## CHICAGO.

Memberships in the Board of Trade are selling at \$4,000.

H. D. Wetmore, who has been in California for some time, has returned.

The Board of Trade clerks will give a dance at the Second Regiment Armory March 22.

George F. Diehl is now in the cash grain department of the Weare Commission Co.

George A. White of the Churchill-White Grain Co. has been confined to his home by illness.

H. Mueller & Co. have been granted a permit to erect an elevator costing \$150,000 at Stewart avenue.

The rule requiring all special partners to be members has been passed by the directors of the Board of Trade.

To oppose the rebuilding of the burned elevator of J. W. Byrnes the neighboring residents have formed a protective association.

Earl O'Neill has resigned his position with A. O. Slaughter & Co., to enter the employ of Raymond, Pynchon & Co., as corn trader.

A. I. Valentine, president of the Armour Grain Co., Chicago, has applied for membership in the New York Produce Exchange.

This journal has refused advertisements of bucketshops, and will not knowingly accept advertisements from such institutions.

Geo. W. Hunt, a scalper on the Board of Trade, has again bot more corn than he could margin, and has been forced to suspend owing \$1,000.

Ernest F. Smith, a member of the Board of Trade, who was taken to Hot Springs, Ark., for a much-needed rest, has returned a mental wreck.

Arthur R. Sawers, for many years connected with the Calumet Grain & Elevator Co., has retired from business, and will prepare for a long stay in California.

Samuel T. Graff has succeeded D. F. Johnson as secretary of the Peavey Grain Co. The latter will represent Finley, Barrell & Co., at Minneapolis, Minn.

Louis P. White of Chicago has become a member of the Milwaukee Cham-

ber of Commerce and will be floor representative of the L. Bartlett & Son Co., grain commission merchants of Milwaukee.

Charles Wesley Bowerson, one of the employes at the Badenoch Elevator, Chicago, was seriously injured March 1. He was caught by the machinery and his left leg torn off at the knee. His recovery is doubtful.

President Wm. S. Warren of the Board of Trade appeared before President Roosevelt recently to protest against the appointment of Dan Hogan, state grain registrar, as collector of internal revenue at Belleville.

The directors of the Board of Trade has ruled that no member can be deemed the representative of two corporations, or two firms, or a firm and a corporation, for the purpose of giving either firm or corporation members' rates. It was also decided that special partners in firms or corporations must be members of the board.

The Chicago Feed Dealers Association will elect new officers at the next monthly meeting, March 20. Those nominated are: President, William Whitman; vice-president, William Moorehead; secretary, C. Kruesinger and R. H. Peterson; treasurer, H. Woehling and William Hereley; directors, J. W. Fernald, John Walters, S. T. Edwards and George Bryant.

Frank G. Logan has decided to withdraw from the firm of Logan & Bryan, rather than buy a membership, as required of special partners by a late ruling of the directors of the Board of Trade. Mr. Logan does not desire to be posted as an applicant for membership so soon after his announced retirement. The firm will be composed of Theron Logan, Ben Bryan and Henry Nicolay.

The agitators for a change in the rules of the Board of Trade to lower the grade of contract oats to include a larger percentage of the crop, point out the folly of buying No. 3 white oats in the country and selling No. 2 mixed oats against them in Chicago. Barely 10 per cent of the receipts of oats at Chicago on the last crop have been mixed.

Rents in the Board of Trade building have been advanced 10 to 60 per cent, increasing the revenue by \$26,000, which is needed to make improvements and put in new elevators. The rents are still lower than when the building was opened, seventeen years ago.

P. A. Valentine, manager of Armour & Co., was married March 6 to Mrs. May Lester Armour, widow of P. D. Armour, at the Hotel Netherland, New York City. The ceremony, which was followed by an elaborate bridal breakfast, was performed by the Rev. Thaddeus Snively of Chicago. Various guests from Chicago were present.

A proposed amendment to the rules of the Board of Trade reads: If any applicant shall intentionally or willfully misstate or suppress any fact, or be guilty of any other fraudulent or dishonest act to secure his acceptance as a member and thereafter and thereby become a member the membership committee shall, upon the discovery of such misconduct, immediately report the same to the board of directors, which, after due notice to such member of the time and place of such hearing, shall investigate such charges, and if such member shall be found guilty the board of directors



shall declare such membership forfeited.

Ole Mumford has resigned his position with W. R. Mumford Co. to take charge of the eastern business of Wright & Taylor.

A change in the rules is recommended by the directors of the Board of Trade, providing that free telegraphic communication, or the payment by a member of telegraphic tolls on messages passing between such member and the customer of that member, or any other person, shall not be deemed a violation, when such messages solely relate to the transaction of business under the rules of the Board of Trade; but giving any telegraphic facilities by a member for any other purpose than as hereinbefore specified, shall be deemed a violation of this rule. The furnishing to a customer, or any other person, of any telegraphic or telephonic service, or device, on any other terms than the payment by the person so furnished of the full rental charge shall be deemed a violation of this rule. The giving by members to dealers, customers, or any other person, any of the classes of quotations distributed by any telegraph company shall not be deemed a violation.

## ILLINOIS.

Leroy Peet's feed mill at Ringwood, Ill., was burned February 16.

Reichart Mill Co. will erect an elevator at Vergennes, Ill., this spring.

Fire destroyed the feed mill of Burton & Cawthorne at Lake Geneva, Ill., February 14.

J. C. Britt of Armington, Ill., will place the Hall Grain Distributor in his new elevator.

Oscar Ritchie is now in charge of the elevator belonging to Fraebe, Rapp & Co., at Harness, Ill.

The Burks Grain & Elevator Co., Decatur, Ill., is sending its many friends an enameled blotter.

D. J. Kelly & Son, with G. S. Meyer as manager, have opened their elevator at Waddams Grove, Ill.

Fire destroyed Postlewaite's elevator at Rossville, Ill., March 7. Loss, \$15,000; insurance, \$9,500.

Marshall Bros., Belvidere, Ill.: Would not be without the Grain Dealers Journal for twice the price.

C. R. Aden & Co. of Carlinville, Ill., expect to make some improvements on their elevator at that place.

Benson & Co. are enlarging and improving the Catlin elevator at Danville, Ill., and putting in a feed mill.

The up-to-date elevator of the Morris Grain Co. of Morris, Ill., has been equipped with the improved Hall Grain Distributor.

John Wilson has bot Mr. Stocker's interest in the grain buying firm of Stocker & Deininger at Peotone, Ill.

Allen B. Smith, Rosemond, Ill., March 1: The grain from this locality is all moved until another crop is raised.

The Farmers' Grain & Elevator Co., at Wapella, Ill., sold the grain which was taken from the burned elevator for over \$2,000.

I. S. Parish has purchased M. C. Wharfield's interest in the firm of Wharfield & Parish at Sterling, Ill., and will carry on the grain business alone.

G. W. Songer has disposed of his other interests at Freeland, Ill., and will

devote his entire attention to the grain, lumber and coal business at that place.

Bateman & Noble Bros. of Kumler, Ill., have put a new gasoline engine into their elevator, much to the satisfaction of their manager, G. L. Horner.

Davis & Co. of Lovington, Ill., have bought the land at Cushman, Ill., where Mr. Ricketts' elevator formerly stood, and will replace the burned structure.

J. T. Ricketts, whose elevator at Cushman, Ill., was burned not long ago, has sold his land there and will build a new elevator in Edgar County, Ill.

August Funsinn, dealer in grain and coal at Culton, Ill., will build an addition of 20,000 bushels' capacity to his elevator. The work will be done by Parrish & Fosters.

C. C. Aldrich, the veteran grain dealer of Bloomington, Ill., remembers distinctly that he paid as high as \$1.05 per bushel for corn during the civil war. He bot wheat at \$3.25.

George D. Hill, formerly a grain dealer of Dana, Ill., has sold his grain interests at Grand Ridge, Ill. His health is in a serious condition and his recovery is doubtful.

C. A. Johnson, formerly manager for The Richardson Co., at Galesburg, Ill., has been transferred to Solomon City, Kan., where he will operate the company's elevator on the Santa Fe road.

The grain men at Forsyth, Emery, Maroa, Oreana, Argenta, Cisco, Monticello and Decatur, Ill., now have the use of a private telephone, leased from the Central Union Telephone Co.

The Mount Pulaski Grain Co. has been incorporated at Mount Pulaski, Ill., with a capital of \$30,000, to deal in grain, coal and lumber. Incorporators, John Lincoln, Andrew Elseminger and George H. Hubbard.

The Farmers Grain Co. has been incorporated at Metropolis, Ill., with a capital stock of \$20,000, to deal in hay, grain and seeds. Incorporators, Laban M. Munie, Frederick W. Borman and John F. McCartney.

O. M. Etter & Co., Cambridge, Ill.: The Journal is all right; no up-to-date grain dealer can afford to do without it. We consider it the best investment for a dollar that we know of. Let the good work go on.

George Reppel, one of the employes in the grain elevator at Marissa, Ill., was raising wheat into the elevator. March 3, when he was caught by the fly-wheel, drawn into the machinery and instantly killed.

Faith & Dewein have succeeded C. H. Faith & Co., dealers in grain and coal at Warrensburg, Ill., operating elevators of 100,000 bushels' capacity at Warrensburg and Heman. The new firm is composed of Chas. H. Faith and Victor Dewein.

G. E. Hargreaves is now in charge of the grain business formerly conducted by Hargreaves Bros., which firm, composed of George and James Hargreaves, had elevators at Manhattan and Symerton, Ill., with headquarters at the former place.

Allen B. Smith, Rosmond, Ill., shipped the largest car ever shipped from his section of the country; L. S. & M. S., car No. 42699, capacity, 80,000; containing 2,114.27 bushels of oats. These oats were shipped to S. Zorn & Co., of Louisville, Ky.

Government crop report: Wheat prospects in Illinois have not changed

materially during January; but possibly have improved slightly; prospects fair to good in northern district, but unfavorable in southern; crop protected by snow during cold weather, meadows are poor in some localities and good in others.

Secretary H. C. Mowry has addressed a letter to all reputable grain dealers in Illinois requesting them to write Hon. Shelby M. Cullom and Hon. Wm. E. Mason, Washington, D. C., in favor of the retention of the tax on bucket shops. Every dealer who has the best interests of the grain business at heart will promptly comply with the request, and also send a telegram.

The Shearer Grain Co. of Fairbury, Ill., believes in improvements. It will replace its old elevator with a new structure, which will have a capacity of 70,000 bushels and be equipped with an oat clipper, corn sheller and dust collector. A motor connected with the electric light plant will furnish power. The contract has not been let but work will probably begin soon.

Bartlett, Kuhn & Co., grain buyers of Danville, Ill., now have their office at their elevator. According to their bookkeeper, Mr. Barnes, they have the best office ever owned by a grain company in Danville. A 50-horse power engine and a scale have been installed in the elevator, besides the fitting of the office rooms. Heretofore steel cables connected with the mill were used to transmit power to the elevator.

We have an arbitration committee of three as honorable men as can be found in the state. They are all local dealers. Now there are a few local dealers in the state who do not fulfill their contracts with the receivers, and when asked by the secretary to have their cases arbitrated they treat the Association with contempt, by refusing to recognize the secretary. In justice to receivers who have a right to know with whom they are trading, I may have to give you names of such in another letter; and here let me say that this evasion of the rules and regulations of the Association is not confined to the local dealers. —H. C. Mowry, Forsyth, Ill., Secretary Illinois Grain Dealers Association.

## INDIANA.

Fremont Fulkerson is fitting up a mill and grain elevator at Elkhart, Ind.

W. F. Starz & Bro. of Kenney, Ind., have bot the elevator at East Fowler, Ind.

Robert Bell of Barce, Ind., has sold his interest in the elevator at that place.

C. O. Harvey, Spiceland, Ind., March 5: Snow all gone; wheat not looking very well.

F. R. Pence, Williamsport, Ind., writes: I find the Grain Dealers Journal an indispensable necessity.

T. J. Sims of Frankfort, Ind., has purchased an elevator at Stockwell, Ind. He will conduct affairs himself, but will still live at Frankfort.

S. B. Sampson, secretary of the Indiana Grain Dealers Association, will soon establish his headquarters in the Board of Trade building at Indianapolis.

Cal Baum, Matthews, Ind., March 7: Wheat looking very feeble thru this section; must have favorable weather from now on to have any wheat here.

A new steel elevator has been begun



at Hammond, Ind., by the Central Grain and Stock Exchange, to be used for the storage and transfer of grain. It will have a capacity of 500,000 bushels, which will later be increased to 1,500,000 bushels.

Forest Van Zant and A. K. and E. M. McCreight are planning to erect an elevator at Richmond, Ind. Several elevators will be built along the C. R. & M. Ry.

M. J. Lee & Son, Kempton, Ind.: We intend to erect a 40,000-bushel elevator and 18,000 or 20,000-bushel crib here this summer and will begin work as soon as the weather permits.

Schlademan Bros. have purchased of C. C. Kirk his interest in the Seafeld Grain Co. of Seafeld, Ind., which handles grain, coal and tile. The business hereafter will be conducted under the firm name of Schlademan Bros., who also deal in merchandise.

The clover seed stolen from T. J. Lewis' elevator at Roann, Ind., has been recovered, and the thieves are in du-rance vile. They were discovered the night of February 22 conveying it from an old strawstack, where they had it hidden, were arrested, and now languish in jail.

James W. Hurst, Macy, Ind., March 1: Growing crop of wheat promises fairly well; although the tops are very brown think the roots are injured very little, however, will have to wait until we have growing weather which will develop the true condition of crop.

F. M. Smith, Lima, Ind.: The wheat went into the winter very small and weak in this locality, but appears to be all right this spring. The acreage is somewhat smaller than usual; corn and oats are rather scarce; live stock is thinner in flesh than usual at this season of the year.

During the absence of the manager, E. O. Shepard, the office of the elevator at Moran, Ind., belonging to I. R. Kennard of Frankfort, Ind., was entered February 28 and \$55.15 taken from the cash drawer. Suspicion fell upon John W. Kimberling, who was arrested and put in jail, but afterward released on \$300 bonds.

Murphy & Ryburn, Glenwood, Ind.: In your issue of February 10, we notice that you have an item in the Indiana news that "Murphy & Ryburn of Glenwood are 'scoopers.'" We beg to state that we are not "scoopers," that only last year we spent considerable money remodeling our elevator and will improve still more this spring. We have handling capacity of 10,000 bushels a day and storage capacity of 6,000 bushels. Have Fairbanks dump scales, steam power, two elevator legs, one using 14-inch buckets and one 6-inch buckets, steam power, sheller, grinder and a good, handy building, with basement, first floor, second floor and cupola for elevator head, also office, besides other equipments.

E. E. Perry, secretary Indiana Millers' Mutual Fire Insurance Co., Indianapolis, Ind.: Our inspector has been devoting his entire time in Indiana to elevators during the last week and a half. We are sorry to say that fully 75 per cent of the elevators as they now stand, will not reach our requirements. In many instances, however, we have offered suggestions for change, which would be inexpensive and which would enable us to take the insurance, and save them fully five per cent of their present

cost in the old line companies. From all indications the old line companies are going to be very high in their rates, not only on elevators, but all characters of business, and the elevator men can certainly afford to make any reasonable change which we might suggest. There are many conditions in elevators similar to those in flour mills, that are quite dangerous and which have only been discovered by mill mutuals after years of experience. We now have in this company a surplus of \$120,000, and we have business on our books that were we to collect the full annual premium would amount to \$150,000 per annum.

#### INDIANA LETTER.

Davis Baker, formerly in business at Butler has retired.

R. Tuttle & Co. are regular dealers at Columbia City.

Smith & Ritchie, millers at Winchester, also handle grain.

I. R. Kennard has succeeded Kennard, Cohee & Co. of Moran.

Ford & McGregor are not now in business at Mt. Carmel.

Hochstettler & Bros. have succeeded Hochstettler & Stahl at Rossville.

The Cyclone Grain Co. of Cyclone are no longer engaged in the grain business.

Holsinger & Co., listed as regular dealers at Kendallville, are nothing but scoop-shovelers.

R. P. Lipe, a commission man of Toledo, O., is doing a scoop-shovel business at several points in DeKalb and Noble counties.

Magill & Son are regular dealers at Portland, and all four firms at that place are members of the Indiana Grain Dealers Association.

David Grubb at Waldron has sold his elevator of 20,000-bu. capacity to Wm. Nading of Shelbyville.

G. W. Conwell of Galveston is out of the grain business, but is still receiving bids which he shows to the farmers. Bidders please cut him off list.

Wm. McKinney at Kirklin is out of business, but is receiving bids which are of no use to him, although he does not use these to disturb the farmers; however, they are liable to get into wrong hands.

I. Spurlin runs a feed store at Shelbyville and whenever the markets are tempting does a little scoop-shovel business on the side, to the loss of the regular dealers at that place.

C. E. Shields of Adams is not an irregular dealer, as reported in the January 25th number of the Journal. He has an elevator and is a member of the Indiana Grain Dealers Association. Albert Bolding is the other regular dealer at Adams and also a member of the Indiana Grain Dealers Association.

The regular dealers at Frankfort are Witt, Osborne & Co., J. D. Fritch, and Fatzinger & Bogan, all members of the Indiana Grain Dealers Association. Miller & Kern, John A. Rice, and J. T. Sims are all out of the grain business at this point.

The Frankfort Grain Co., an enterprising firm, composed of M. L. Conley and W. T. McBride, are located at Frankfort as track buyers. They should become members of The Grain Dealers National Association.

The meeting of the board of managers of the Indiana Grain Dealers Association was held Tuesday, March 4th,

at the Hotel English, Indianapolis, Ind. Those present: O. J. Thompson, Cloyd Loughry, C. B. Riley, J. W. Sale, J. C. Gordon and S. B. Sampson. President Wolcott was detained at home by illness in his family, but sent his recommendations upon the several matters to be brought before the board by mail. Mr. J. C. Gordon was selected as temporary chairman. Much routine business was transacted, and the future work of the Association discussed fully. A committee consisting of President E. H. Wolcott, Cloyd Loughry, J. W. Sale and C. B. Riley as chairman was appointed to investigate fully the advisability of organizing an Indiana Grain Dealers Mutual Fire Insurance Co., and present some definite plan as soon as practicable. It was also decided that the headquarters of the Association be established at Indianapolis and the secretary was instructed to open and maintain an office there.

This is a business proposition for you, Mr. Non-Member. Will you give us your assistance and financial support and in return take the benefits of organization and the success attained in this and other states? If so tell S. B. Sampson, secretary, Cambridge City, Ind., about it at once.

In order to make the Association of any benefit to you it is your duty to keep the secretary advised of all changes, irregular dealers or scoop-shovelers, short weights, discrimination in freight rates, differences between yourself and neighbor or commission man, and in fact everything pertaining to the up-building of the grain business.

S. B. Sampson, secretary of the Indiana Grain Dealers Association, spent all of the last week in February visiting members and holding local meetings of the dealers in the following places: Frankfort, Auburn, Waterloo, Kendallville, Portland, Greensburg, and Shelbyville. Much good is to be derived from these local meetings by the dealers, as they are brought together for the discussion of subjects relative to their common interests and invariably these meetings result in bringing about a closer relationship in the community, leaving the impression that it is wrong to use illegitimate methods of competition and that the other fellow must live as well as yourself. If the grain dealers would get together more, frequently and talk over these questions among themselves, there would be less ill-feeling and more money made as a result.

Some men think that if they join the Grain Dealers Association they will be bound up by some pledge that will impose a burden on their shoulders which will decrease the possibility of their doing the same amount of business, or in other words, it will all go to the man that stays out. This is an error. The Association is formed and maintained for the purpose of advancing and protecting the common interests of those regularly engaged in the grain business, the formulating of rules for the transaction of business and the promotion of friendly relations among legitimate grain men of the state. The experience of those who are familiar with its workings is that for the small sum invested in membership fee and dues they get such large returns in harmony, friendship, information and increased profits, that they can't afford to do business without it.—P. O. F.



## IOWA.

A new elevator will be built at Crawfordsville, Ia., by Hough, Nicholas & Young.

William Noe has succeeded R. H. Sheffield at Eldora, Ia.

L. M. Garman has succeeded E. K. Windham & Co. at Glenwood, Ia.

Clem Falson is one of those interested in the erection of an elevator at Mount Vernon, Ia.

W. H. Henthorn will take the place of Charlie Whitted in Pease Bros.' elevator at Manson, Ia.

The Northern Grain Co. has bot ground at Grand Mound, Ia., of Wm. Kahler, and will build a large elevator.

L. M. Hibbs of Lacey, Ia., will install a 6-inch, 8-duct Hall Distributor in his new elevator at that place.

L. M. Hibbs writes that his new elevator at Lacey, Ia., has been completed. It is equipped with improved machinery.

M. E. Bemis has been sentenced to 18 months in the penitentiary for stealing flaxseed from the Winfield, Ia., elevator.

W. H. Bickel, who was formerly in the grain business, has rented land at Watkins, Ia., where he will erect an elevator.

The Northern Grain Co. has bot elevator sites at Blairstown and Mt. Vernon, and is negotiating for one at Belle Plaine, Ia.

Endrup Fedson is now in charge of the elevator at St. Ansgar, Ia., which was formerly owned by his father, who died recently.

John Smecker has succeeded Smecker & Dixon at Hartwick, Ia., Mr. Dixon having disposed of his interest to Mr. Smecker.

W. Lancaster, Bradgate, Ia., writes: I am well pleased with the Grain Dealers Journal and would not be without it in my business.

John Ecker's feed mill at North McGregor, Ia., was destroyed by fire February 15. It was nearly a complete loss, with no insurance.

The Farmers Elevator Co. has been incorporated at Garden City, Ia. Capital stock, \$25,000; incorporators, D. W. Hodgson and others.

J. W. Hurlbert & Co. have purchased the old city elevator at Indianola, Ia., of H. P. Shepherd and will fit it for storing grain, hay and feed.

The Neola Elevator Co., with headquarters at Chicago, will erect an elevator at Walford, Ia. Plans are being made for one at Fairfax, also.

D. B. Smith has arranged to build an elevator of 20,000-bushels capacity at Tipton, Ia., on the B., C. R. & N. It will be built as soon as possible.

A Nebraska firm has purchased both elevators at Lake View, Ia. The old buildings will be torn down and one new elevator built to take their place.

The Kaufman Co. has purchased the elevator formerly operated by the Farmers Produce Co. at Alton, Ia. I. W. Beach, agent for the latter company, has resigned.

A. C. Paulson, buying agent for the Diamond Grain Co., at Sherman, Ia., writes that the Diamond Grain Co. and the Western Grain Co. have built 30,000-bushel houses at Sherman.

J. F. Howard, Harcourt, Ia., writes that the farmers of Gowrie, Ia., are organizing a Farmers Elevator Co., with

a capital of \$25,000 which will erect an elevator this spring.

Dealers who make verbal contracts with farmers will profit by perusing and heeding the information regarding same to be found on page 161 of the Grain Dealers Journal for February 25th.

The many friends of G. A. Stibbins, secretary of the Grain Dealers Union and of the Grain Dealers National Association, will regret to learn that his son Walter is again seriously ill.

J. S. Blasdel, Gowrie, Ia., is at present making arrangements for the rebuilding of eight or ten of C. Counselman & Co.'s country houses. Work will commence as soon as weather will permit.

The Grain Dealers Union of Southwest Iowa and Northwest Missouri will hold its annual meeting at the Grand Hotel, Council Bluffs, Ia., on the afternoon of March 21, the session beginning at 1:30 p. m.

E. E. Noe is the purchaser of the elevator on the Iowa Central at Eldora, Ia., formerly operated by R. H. Sheffield, instead of Wm. Noe, as reported. Mr. Noe was for 12 years in the grain business at State Center.

E. G. Simpson of Iowa Falls, Ia., has recently purchased the elevator and coal business at Ottosen, Ia., of the Interstate Elevator Co., and also the elevator and coal business at Popejoy of Dodd & Pascoe.

W. B. Mitchell, who formerly was manager of the elevator of C. C. Buck at Toledo, Ia., will retain the same position with the Wells & Hord Grain Co. of Central City, Neb., who have purchased Mr. Buck's elevators at Toledo and Garwin, Ia.

Samuel La Chapelle, while about to start a gasoline engine in the elevator of J. C. Hagan at Hedrick, Ia., recently, was horribly burned on his hands and face by an explosion of vapor just as he struck a match. He had a cold and could not smell the gasoline diffused thru the room.

Unless some Iowa dealers will use their influence with their representatives in the state legislature the landlords will win their fight against the proposed amendment of the landlord and tenant law, and the dealers will find it necessary to continue collecting and guaranteeing rents. Better write and wire all your representatives to-day.

The landlord and tenant bill has been amended by a subcommittee of the judiciary committee to which it was referred, so as to provide that action against tenant shall not be commenced until all of the rent has become due. The bill as amended has been reported favorably by the senate judiciary committee and will become a law if the regular dealers of the state keep after their representatives in both houses in its behalf. The original bill was given such a large majority in the lower house that no dangerous opposition is expected there, but the members of the senate merit much attention every day. Write and wire them frequently.

Later developments in the farmers' elevator collapse at Whittemore, Ia., show that the affairs of the society were conducted in the most reckless manner by Manager Thompson, who has flown to parts unknown. So far the shortage is \$12,000 to \$15,000, with more claims coming in. The wonder is that Thompson did not run the association deeper into

debt, for so great was confidence in him that the farmers would sell him the grain and leave their money in his hands, to be used in the business. Words fail to describe the anger of the same farmers, who would make it warm for him if he should venture back. Among the commission merchants caught by overdrafts are E. P. Bacon & Co. of Milwaukee to the extent of \$2,500.

G. W. Sissel and Jos. McCoy have begun work on their new elevator at Tipton, Ia. New material will be used up to fifteen feet above the foundation, but material from the old building will be utilized for the remainder. The elevator will be completed as soon as possible.

## KANSAS.

John Charlesworth has purchased the elevator at Scottsville, Kan., formerly operated by A. W. Culp.

The Hope Roller Mills, Hope, Kan., are installing a 40-horse-power gasoline engine furnished by Allen P. Ely & Co.

J. P. Cummings of Sabetha, Kan., has not sold his grain business at that place, as was reported by the press.

R. D. Brett, Kensington, Kan., March 2: We have had several good snows and the prospect seems to be fairly good.

John W. Cain & Co., Lancaster, Kan., March 1: Business quiet in this section at present; believe that wheat is damaged to some extent in this vicinity.

John W. Cain & Co. of Lancaster, Kan., will tear down their old elevator and begin the construction of a modern 10,000-bushel plant about the first of April.

H. J. Pipegras, Clay Center, Kan., February 14: The slow movement of wheat has caused many of the mills to shut down. The growing crop is in good condition.

An excursion to Chicago is contemplated by the Kansas grain dealers. The trip will be made immediately after the annual meeting, if a sufficient number of the members of the Kansas Grain Dealers Association desire to go.

The Southern Kansas Millers Association has been formed at Wichita to promote uniformity in the purchase of wheat. George H. Hunter of Wellington is president and Hiram Imboden of Wichita secretary.

Prominent wheat growers in that vicinity met at Minneapolis, Kan., February 15 to consider the advisability of erecting an elevator. Ben Watson, Hon. George McConkey and W. C. Hake are among those interested.

The farmers in the vicinity of Darlow, Kan., are planning to form a co-operative elevator company with a capital stock of about \$2,500. About \$1,500 or \$1,800 of this will be used for the erection of an elevator.

The government reports that February was a cold, dry month in Kansas; but ground well covered with snow in eastern counties; wheat generally in good condition, but somewhat damaged by cold in central counties; plowing progressing in central and south portions; oat seeding begun in southeast portion.

The southern trip of the Kansas Grain Dealers Association has been given up, since a sufficient number to secure the minimum rate did not wish to go. However, it is believed a large number of members desire some recreation, and the officers are planning a trip to Chicago.



The annual meeting of the Kansas Grain Dealers Association at Topeka March 25 and 26 is the most important of the year. At this meeting the policy of the association will be determined. Several matters of vital importance will come up, and each member should feel it his duty to attend.

Judging from the number of farmers elevator companies being organized in Kansas, the agitators are reaping a rich harvest. Early next year many of these elevators will be offered for sale. The farmers will have a little experience in the grain business and some one will have their money.

#### PROGRAM OF ANNUAL MEETING OF KANSAS DEALERS.

The program of the annual meeting of the Kansas Grain Dealers Association, to be held March 25th and 26th, at Topeka, Kan., as far as arranged, is as follows:

Tuesday afternoon, 3 o'clock.

President's Annual Address—L. Cortelyou, Muscotah, Kan.

Reading of Minutes of Previous Meeting.

Appointment of Committees.

Crop Statistics; Their Value to the Association—H. Work, Ellsworth.

Tuesday evening, 7:30 o'clock.

Address—Governor W. E. Stanley.

Smoker, Council Chambers of the Auditorium.

Addresses.

Wednesday morning, 9:30 o'clock.

Grain Inspection in Kansas—B. J. Northrup, Chief Grain Inspector, Kansas City, Kan.

Address—H. L. Strong, Kansas City, Mo.

Address—W. S. Washer, Atchison, Kan.

Benefits to be Derived from Closer Relations Between the Grain Dealers and the Transportation Companies—J. T. White, Ada, Kan.

A Member's Duty to His Association—D. Hunter, President Southwest Iowa and Northwest Missouri Union, Hamburg, Iowa.

Care of Scales; Estimating of Grain and Coopering of Cars—H. A. Foss, Board of Trade Weighmaster, Chicago, Ill.

What Associations Have Done for the Grain Trade—G. A. Stibbens, Secretary Grain Dealers National Association, Chicago, Ill.

Wednesday afternoon, 2 o'clock.

Secretary's Annual Report.

Treasurer's Annual Report.

Report of Committee on Resolutions. Report of Auditing Committee.

Address—J. P. Harrison, President Texas Grain Dealers Association, Sherman, Texas.

Address—H. B. Dorsey, Secretary Texas Grain Dealers Association, Weatherford, Texas.

The Regular Grain Dealer a Necessary Factor—G. A. Wells, Secretary Iowa Grain Dealers Association, Des Moines, Iowa.

Address—A. H. Bewsher, Secretary Nebraska Grain Dealers Association, Omaha, Neb.

Election of Officers.

#### KANSAS LETTER.

J. B. Young has sold his grain business at Macksville, Kan.

It is reported that the old Farmers' Alliance Elevator at Summerfield, Kan., has changed hands and will be removed.

P. J. Cortelyou, who is engaged in the grain business at Corning, Kan., on the Central Branch, has been very ill for some time, but he is now improving.

Frazier & Thomas of Athol, Kan., have closed their business, Mr. Frazier having sold his share of the business to Mr. Harrison, the firm name now being Thomas & Harrison.

A. P. Reardon of McLouth, Kan., has been confined to his home for the past month with a very serious illness, which they feared would be fatal, but we are glad to say that he expects to be out again soon.

T. L. Ewan, formerly manager of the Capitol Elevator Co. of Topeka, Kan., now in the commission business in Kansas City, Mo., left a few days ago for Portland, Ore., where he will remain for some time.

C. W. Hoyt, grain commission merchant of Topeka, Kan., accompanied by his wife and little son, has left for the Pacific Coast, to visit Portland and other points of interest in Oregon during their stay, which will probably be six weeks, and before returning he expects to visit Manitoba.

#### MICHIGAN.

G. H. Crawford now owns an elevator at Mendon, Mich., on the G. R. I. Ry.

Michigan grain dealers need a state association to help alleviate their business ills.

The Mhlethaler Mercantile Co., Ltd., has succeeded the grain firm of C. Jenks & Co. at Harbor Beach, Mich.

The Wallace Co. of Port Austin, Mich., will build a 20,000-bushel elevator at Kinde, Mich., in time for this year's crop.

S. B. Samuelson of Stromburg, Mich., has sold his elevator at that place to Joe Anderson and purchased another at Hiawatha, Kan.

M. P. Wemple is now sole proprietor of the lumber and elevator business at Onsted, Mich., having bot out John Onsted's partnership interest.

W. H. Carey & Co., proprietors of the Bad Axe Elevator at Bad Axe, Mich., will buy a gasoline engine to replace their steam power plant.

Samuel Hammond, engineer for the Babcock Grain Co. at Reed City, Mich., died suddenly of heart disease, February 25. He was nearly 70 years old.

Wm. H. Dir and Oscar Dir have bot the elevator at Vicksburg, Mich., formerly owned by Chas. R. White. They will operate the elevator and buy grain.

F. J. Simmons has been nominated for president, Frank T. Caughey for first vice-president, and Thomas G. Craig for second vice-president of the Detroit Board of Trade.

The Wallace Co. of Port Austin, Mich., has recently bot the Farmers Elevator at Bad Axe, Mich., which has a capacity of 16,000 bushels. The company will take possession July 1.

#### MICHIGAN LETTER.

Beans are easy. Choice hand-picked Michigan stock is worth \$1.55 f. o. b. Grand Rapids.

The Detroit Pure Food Co., Ltd., with a capital of \$1,000,000, has been organized in Detroit and will manufacture a flake breakfast food.

The Grand Rapids Cereal Co. was recently organized with Secretary of State Chas. T. Dunham at the head. The capital stock is \$100,000.

A. W. Elliott, dealer in wood, coal,

grain and hay at Ypsilanti, Mich., has taken a partner in his business. The new firm is now known as the Elliott & O'Brien Co.

Receipts at Grand Rapids during February were 263 cars of wheat, 12 cars corn; 12 cars of oats; 12 cars flour; 13 cars beans; 1 car hay; 5 cars straw, and 23 cars of potatoes.

A freer movement of wheat from elevators to millers is quite noticeable and Michigan wheat is seemingly now more plentiful than early last fall. Stocks of wheat in local millers' hands are rapidly increasing.

Corn and oats are coming in quite freely and prices are being held firm for this season of the year, 47 to 50 cents being paid for oats, while corn is bringing 58 to 60 cents per bushel. Wheat from farmers' hands is costing from 80 to 85 cents.

H. E. Botsford and Theo. Knight have engaged in the general brokerage business at Detroit, Mich., with offices in the Chamber of Commerce. The firm name is H. E. Botsford & Co. Besides executing trades for future delivery on commission the firm will buy oats, rye and low-grade wheat in car lots for thru shipment.

A feeling among the grain dealers of the state leans toward a union of common interests so that a mutual benefit might be derived. Such a union would greatly benefit not only the Michigan grain dealers, but would also be of material aid to the Michigan miller, who now goes out and buys his wheat from the lowest bidder, and is then forced to pay high freight rates to get the grain to his mill.

The weather for the past ten days has been anything but favorable to the growing wheat; freezing and thawing has entirely uncovered the plant, and it is left bare. It is yet too early to estimate the damage, if any, which the wheat has suffered from the early drouth of last fall. Michigan farmers admit that wheat went into winter in bad shape, and it now remains to be seen how it will come out.

#### MINNESOTA.

Memberships in the Minneapolis Chamber of Commerce are selling at \$3,100.

The Farmers Grain Co. of Mountain Lake, Minn., has decided to build its new elevator.

The tax bill, which was opposed in the Minnesota legislature by the grain dealers and millers, has been defeated.

Robert Brooks, recently a grain buyer at Magnolia, Minn., has been ordered to be taken to the asylum at St. Peter, Minn.

J. B. Gardner has resigned his position as manager for the Van Dusen Elevator Co. at Verdi, Minn., and the house has been closed for the present.

Ward & Cadwell, Fairmont, Minn.: Take out our advertisement for grain buyer, as we have had enough applications so that we can take our pick from them.

The Northwestern Co-operative Commission Co. has been promoted at St. Paul, Minn., with \$1,500,000 capital stock, on paper, to open offices at the five leading markets on March 15.

When the Farmers' Elevator Co. of Faribault, Minn., recently had its accounts examined by an expert bookkeeper, a shortage of 2,080 bushels of



wheat was found, and the manager, William Beyer, has been discharged.

The Carson Farmers Elevator Co. has been organized at Windom, Minn., with a capital of \$4,000. Officers: Bernard Klaassen, president; J. C. Klaassen, secretary, and J. J. Unruh, treasurer.

The National Elevator Co., connected with the Van Dusen-Harrington Co., Minneapolis, Minn., has recently purchased from the receivers of the St. Paul & Kansas City Grain Co., 36 elevators, situated between Sioux Falls and Yankton, S. D., Garrettson and Sioux City, Ia., and Jackson and O'Neill, Neb.

Senator Daly has reintroduced in the Minnesota Legislature the bill defeated last session, providing for the taxation of grain in elevators and empowering elevator proprietors to retain enough grain to pay taxes when the owner resides out of the state or is unknown.

The Northern Grain Co., whose headquarters are at Chicago will establish a branch office in the Exchange building at Winona, Minn., in charge of J. J. Donahue of Chicago. Although the company will have no elevator at Winona, it is necessary to have offices there.

Griggs Bros. of St. Paul have purchased the grain taken from Hubbard & Palmer's cleaning house at Lake Crystal, Minn., which was burned recently, and shipped it to St. Paul. They paid \$1,250 for the sixteen carloads. Hubbard & Palmer have not yet decided where to build their new elevator.

The Minneapolis Chamber of Commerce has adopted amendments to its rules for the expulsion of members interested in bucket-shops. No member can execute orders for these illicit concerns. The making of trades to be closed at a certain figure is forbidden. The penalty for cutting commissions has been increased from \$500 to \$1,000.

A meeting of farmers and grain shippers was held at Austin, Minn., February 28 to consider the advisability of joining J. C. Hanley's association. C. N. Edwards of the Farmers' Elevator Co.; Sherburne, Minn., and Mr. Campbell of the Farmers' Elevator Co., Mantorville, Minn., were chosen to attend the meeting of the Northwestern Independent & Farmers Elevator Association, to be held at St. Paul. The plan to ship the farmers' grain direct to Germany without intervention of grain dealers has been postponed.

W. N. Cayott, Wood Lake, Minn., March 6: There was considerable harrowing done last week in this section; farmers reported ground was in fine shape, but the recent snow stopped everything. That melted and soaked into the ground this week and after two or three more days of dry weather, farmers will be on the fields again. Quite a little wheat moved, farmers taking advantage of the snow to haul. Now the snow is gone and the roads are heavy; don't look for any heavy wheat receipts on these roads.

H. P. Watson, who recently purchased a membership in the Minneapolis Chamber of Commerce, says: Seats will bring \$5,000 in September if there is anything like such a crop as we had last year. The business is continually growing and the enhanced value of memberships is perfectly natural. Within the next few years, basing judgment on the rapid development of business in this market, membership in the Minneapolis Cham-

ber may be expected to cost as high as \$10,000. Two years ago a membership could be had for \$500. We were compelled by the increase of our business to obtain another membership.

### MISSOURI.

Memberships in the St. Louis Merchants Exchange have advanced to \$400. Coontz & Waters, Vandalia, Mo., March 4: No crop here this year. Farmers shipping in corn, hay and straw.

An auction sale of the sample tables of the Kansas City Board of Trade recently netted \$516 premiums besides the \$120 annual rental.

Read new rules of St. Louis Merchants Exchange governing rates of commission and fees elsewhere in this number.

Wilder & Pearson, Laddonia, Mo.: Acreage of wheat large, 50 per cent old crop on hand; corn all gone; oat acreage will be large.

The daily carload receipts of grain reported by the Kansas City Board of Trade will not be compiled from railway sources, as heretofore, but from the figures of the grain inspection department.

### NEBRASKA.

Henry Scholl now has charge of Christ Oelke's elevator at Paul, Neb.

H. H. Bartling of Nebraska City, Neb., has put in a new gasoline engine, purchased of Allen P. Ely & Co.

Chas. Tighe of Springfield, Neb., has just bought of Allen P. Ely & Co. a new 15-horse-power gasoline engine to put in his elevator.

Railsback Bros. of Ashland, Neb., have improved their elevator at Greenwood and installed the Hall Grain Distributor.

Thomas Keckler of Manley, Neb., has rebuilt his elevator, using machinery and gasoline engine furnished by Allen P. Ely & Co.

The Kinsella Grain Co. of Omaha, Neb., purchased a site of S. Wehr at Blairstown, Ia., and will erect a modern 20,000-bushel elevator.

L. L. Coryell of Brock, Neb., is erecting a telephone line between his elevators at Brock and Howe, a distance of 15 miles.

D. C. Wese, Wyoming, Neb., March 2: Most of the winter wheat in good shape, but the trying time is yet to come; but little grain in farmers' hands.

The crop reports recently received by the Central Granaries Co. of Lincoln, Neb., from its numerous agents at country stations, have been uniformly favorable.

H. H. Bartling, Jr., Julian, Neb., writes: The Jones Grain Co. of Nebraska City, Neb., will rebuild its elevator at Julian, which was recently destroyed by fire.

The Tekamah Elevator Co. will erect an elevator at Tekamah, Neb., which will be 44 feet high, with a cleaner at the top over the shipping bins. It will have a capacity of 75,000 bushels, two dumps, four pits and equipped with a car puller and a 20,000-pound hopper scale.

### NEW ENGLAND.

Abraham Lincoln has resigned his position in George A. Stevens' grain elevator at Quinsigamond, Mass.

Hussey & Goldthwaite of Guilford, Me., have bot land and will erect a large elevator and feed mill at Milo, Me.

Cosmer A. Young of Danielson, Conn., has purchased the grain business of Louis G. Sayles at Dayville, Conn.

The B. F. Parrott Co. of Augusta has bot the grain and feed business owned by J. M. Chalmers at Pittsfield, Me., and has fitted up a mill and feed house.

The A. Fred Brown Commission Co. has been incorporated at Boston, Mass. President, A. Fred Brown; secretary, P. J. O'Toole, and treasurer, J. E. Southworth. This company will take charge of the business formerly conducted by A. Fred Brown.

### NEW JERSEY.

Wilson Fitzgerald, a retired grain merchant, who is one of the oldest living members of the Philadelphia Commercial Exchange, celebrated his 83d birthday at his home near Eagle Point, N. J., February 26. Several prominent men of Camden paid their respects during the day.

William Garrison, aged 40 years, foreman at Sitley & Son's grain elevators at Camden, N. J., was caught between some grain cars in the elevator yards, February 25, and seriously injured. He was taken to his home and a doctor called, who advised his removal to the hospital. An ambulance was called, but he did not live to reach the hospital. On the way to the hospital the ambulance collided with a huckster's wagon and Frank Sitley, manager of the elevators, was slightly injured by broken glass.

### NEW YORK.

L. H. Hewitt of Locke, N. Y., will put grain machinery into his warehouse this spring.

Readers will confer a favor by sending notices of new firms, new elevators, and business changes.

The United States Elevator, a large iron elevator, owned by the New York Dock Co., at Brooklyn, N. Y., has been closed for repairs, leaving only three elevators in operation outside the Erie Basin. It has been over a year since a ship received a full cargo from the Brooklyn elevators.

The Brooklyn Heights Improvement Co. has been incorporated at Brooklyn, N. Y., with a capital of \$300,000, to deal in real estate, and construct buildings, docks, wharves, warehouses, canals, tunnels and grain elevators. Directors: Walter H. Sloane, William Shaw, L. J. Horowitz, Z. D. Barry and Charles E. Miller.

### BUFFALO LETTER.

The state white wheat, so necessary to trade in this day of wheat scarcity, is badly cut off now by heavy roads, which are almost impassable from either snow or mud.

No change of management of the elevator business is looked for here this year, and for that reason the owners are not holding any meetings. The old pool works well enough.

President M. E. Ingalls of the Big Four has promised to attend the coming banquet of the Merchants' Exchange, the date of which has not yet been fixed. He will be the chief speaker of the evening.

The car shortage is greater than at



any other time, though mainly on account of the floods in the east. Grain and flour shippers say that it is common for a car to be a month getting to destination from Buffalo to seaboard and interior eastern points.

But for the good showing of spring wheat in elevator, 2,368,000 bushels, the store would be meager indeed. This amount is ample, as it goes out at about the rate of 160,000 bushels a week. Only about 800,000 bushels of winter wheat is reported here; and, dear knows, when there will be any more.

With the railroads in the awful condition eastward it is about useless to make any calculation on delivery. The East Buffalo rail authorities often protest that they have cleaned up everything, but it does not get to destination for all that. Minneapolis flour shippers report cars still out that started early in January.

The February report of the inspection of grain by Chief Inspector Shanahan of the Exchange shows 52 cars winter wheat, 437 cars spring wheat, 765 cars corn, 573 cars oats, 152 cars barley and 69 cars feed. Total, 2,070. The feature of the report is the crying scarcity of winter wheat, which is hurting the eastern trade badly.

That was a sort of sorry joke on C. H. McLaughlin, the maltster, by the floods. He is the vice-president of a society for the abatement of the floods at South Buffalo. While returning from a trip to New York about the first of March his train was caught in an overflow on the Hudson, below Albany, and all the passengers had to be rescued in boats.

The new grain trading rules have been adopted by the Exchange trustees unchanged, as they came from the heads of the members of the grain trade. There have been no such explicit rules in use on 'Change before, as there was no trading except for immediate delivery. One of the new regulations is a provision that in case a non-member of the Exchange fails to fulfill a contract he shall be debarred from dealing with members till he settles. A full set of new grain grading rules have been found necessary to bring them down to date. One provision is the merging of all spring wheat grades into one set, so that spring wheat to be accepted as best need not have reached here from Duluth as formerly. At one time the Duluth wheat was so much better than any from Chicago or other lake ports that the separation of such grades was a good thing. Buffalo gets a great part of her winter wheat all rail, but practically all the spring wheat comes by lake. The amber wheat grades has been dropped.

Grain dealers on 'Change are hard at work on the problem of setting up future trading, which is a novelty here. An occasional effort in past years has been made to do this, but nothing so determined as the present effort was ever undertaken. The last step taken is to appoint a committee, composed of Messrs. Kennedy, Seymour, Yantis, Pratt, B. J. Burns, Bartlett, and Searle to carry the enterprise forward. Of this committee two will be selected soon, who, together with Secretary Mason of the Exchange, will make a trip to Chicago and Minneapolis to study "futures" on the spot.—J. C.

## NORTHWEST.

Harry Bidlake will handle grain at Osnabrook, N. D.

George P. Sexauer will make some changes in his elevator at Brookings, S. D.

Readers will confer a favor by sending notices of new firms, new elevators and business changes.

Ed Eklund, agent of the S. Y. Hyde Elevator Co. at Ramona, S. D., writes: Could not get along very well without the Grain Dealers Journal.

The new elevator of the New London Milling Company at Sherman, S. D., has been completed. The equipment includes the improved Hall Grain Distributor.

The Portland Farmers Elevator Co. has been incorporated at Portland, N. D. Incorporators: T. A. Kapping, C. Monson and O. K. Lugen.

The Blunt Lumber, Grain & Coal Co. has been incorporated at Blunt, S. D. Capital stock, \$10,000; incorporators, J. S. Irwin, Chambers Smith and L. A. Irwin.

The Z. H. Grain Co. has been incorporated at Parkston, S. D. Capital stock, \$40,000; incorporators, Charles Zehnpfenning, A. H. Zehnpfenning, S. S. Harding and A. Harding.

Geo. H. Gunnison will take the place of manager at C. H. Chase's elevator at Bancroft, S. D., and W. W. Waight, the former manager, will occupy a similar position with Mr. Chase at Willow Lakes.

The Farmers Co-operative Warehouse Association may build an elevator at Baltic, S. D. During the last six months the association has handled over 40,000 bushels of wheat, 18,000 bushels of oats, 40,000 bushels of barley, 6,000 bushels of flax, 5,000 bushels of corn and 900 tons of coal.

## OHIO.

D. E. Maxwell will build an elevator at Kirby, O., on the Pennsylvania Railroad.

Charles C. Franks of Holmesville, O., lost his grain warehouses by fire recently.

S. A. Pool, McComb, O., writes: I think the Journal the best grain news instructor.

N. M. Coyner has exchanged his farm for J. F. Bryant's elevator at Frankfort, O.

A. B. Shafer, Forest, O., February 28: Prospects for wheat at this date are very fair, though plant is small.

The Travis-Emmick Co. will improve its elevator at MaComb, O., recently purchased of R. A. Shepard & Co. and now managed by S. A. Pool.

Myers & Beidler of Alvada, O., have begun work on an elevator at Rising Sun, O., which will be equipped with improved machinery.

F. E. Orwick & Son have purchased the elevator and grist mill at Arlington, O., owned by F. C. Rettig & Co. He took possession March 1.

S. A. Pool, McComb, O., Mar. 3: I do not think our growing wheat is damaged as was reported. A large oats and corn crop will be sown here.

Baldwin & Elliott, West Liberty, O., Mar. 1: Growing wheat looking bad, corn all marketed; most all of the old wheat has been marketed.

Jesse Adams, a Chicago man, who formerly lived at Hedges, O., has pur-

chased the Churchill Elevator at Grover Hill, O., and moved to that place.

John M. Magee and Henry Paffenbach, who compose the grain firm at Elmore, O., will erect another elevator at Oak Harbor, O., on the Lake Shore & Michigan Southern Ry.

Thomas Taylor and Richard Lawrence of Harlem Spring have purchased the elevator formerly owned by Rutan, McCully & Co. at Carrollton, O. The firm name will be Taylor & Lawrence.

It is the duty of every grain dealer to assist the Ohio Grain Dealers Mutual Fire Insurance Association, as the officers cannot afford to devote unnecessary time to it if the real parties to be benefited do not assist.

John D. Owens, Owens, O., writes: Elevator with complete equipment and large amount of grain destroyed by fire on morning of 5th. Caught from building across the way (a depot on the H. V. R. R.). Will rebuild.

Nutt, Allen & Co., St. Johns, O., Mar. 1: Trade was never so dull as this winter; with the wheat about all shipped and but little oats and corn in the country, there is no prospect for better trade until the new crop. Wheat is badly frozen, with acreage below last year, but some improvement is being reported since the thaw.

H. J. Gordon of Gordon & Heinze, Curtice, O., writes: The Holcomb Grain Co. of Lemestine, O., has sold its elevator at Trowbridge, O., to E. J. Thierwechter & Co. of Oak Harbor, O., who will establish a line of elevators along the L. E. & W. and build a 15,000-bushel house at Lemestine, enabling them, in connection with their Oak Harbor house, to handle the bulk of the grain on that road between Trowbridge and Fremont.

Quite a stir was created in grain circles in the neighborhood of Oak Harbor, O., when E. J. Thierwechter & Co., grain dealers, discovered a conspiracy between their elevator foreman and several farmers to defraud them by means of raised grain tickets. It was discovered by a mere accident; and investigation showed that the fraud had been going on for two to three years, the loss amounting to several thousand dollars.

The Ohio Department of Agriculture estimates the condition of wheat Mar. 1 as 62 per cent. On the setting in of winter, the wheat plant had not attained good growth and was far below the usual degree of strength and vitality. These conditions were due principally to extremely late seeding, on account of dry condition of soil, and in order to avoid, if possible, the fly. The wheat in its tender condition was not able to stand a very frigid winter. There was a period of severe cold weather in December that undoubtedly resulted in some damage, but during this period there was slight snow protection which aided in warding off greater damage. The estimated condition of wheat as taken January 1 showed 72 per cent of an average condition. The winter has not been extremely severe. There has been no serious alternate freezing and thawing, so the wheat roots have not been upheaved. There has been an average of about five weeks of snow protection, which of course was favorable, but notwithstanding these apparently favorable conditions, the wheat has declined rather than progressed. The snow has disappeared from the fields, but there is no



evidence of great wheat life. Some fields seem perfectly bare of growth. Other fields show the wheat brown and top frozen, while few indicate that healthy green that should appear under favorable conditions after the disappearance of snow. Some correspondents note that the wheat roots are apparently good, and if this be true generally, the plant, with a favorable March and April, may most of it take on new life and renewed growth, in which case condition should show a marked rise by the next report, otherwise still more fatal results will likely be shown. Present conditions make it almost impossible to foretell with any degree of certainty what results will be, and we must wait for further developments.

### PACIFIC COAST.

Readers will confer a favor by sending notices of new firms, elevators, and business changes.

The Tacoma Grain Co., which was recently incorporated at Tacoma, Wash., by Cardin & Bibbs and others, will erect a flour mill at Tacoma, which will have a grinding capacity of 2,000 barrels every 24 hours.

The Farmers Grain & Supply Co. has been organized with capital stock amounting to \$50,000 and headquarters at Wilson Creek, Wash., to build farmers' warehouses at various places this summer. Incorporators: A. J. Swanson and E. W. Swanson. A. J. Swanson has sold his grain business to the new company.

### PENNSYLVANIA.

Readers will confer a favor by sending notices of new firms, new elevators and business changes.

To-day John O. Foering, ex-chief grain inspector at Philadelphia, started for Pasadena, Cal., for a well earned rest.

Roy McHenry & Son have purchased the large steel tanks connected with the Phoenix Mills, at Bellefonte, Pa., and shipped them to their distillery at Benton, Pa., where they will be used for storing grain. The consideration was \$1,000.

A fire, the origin of which is unknown, destroyed the large brick grain warehouse of Amos Rutter at New Holland, Pa., Feb. 21, together with its contents. A large quantity of grain had been shipped a few days before and so the loss was not as large as it might have been. As it was, it amounted to over \$6,000, with \$4,000 insurance.

The American Farm Co. of Elizabeth, N. J., is planning to erect a plant for the weighing, inspecting and milling of grain at Meadville, Pa., and its representative, J. W. Woodruff, visited Meadville recently. The proposed plant will include an elevator, a complete flour mill and a warehouse for agricultural implements, coal, etc. It will be about 50 by 200 feet in size and will be located somewhere on the Erie railroad.

John O. Foering, the retiring chief grain inspector of the Philadelphia Commercial Exchange, was the guest of honor at a complimentary banquet given by fifty of his friends and members of the exchange at the Hotel Bellevue on the night of Feb. 27. As a mark of appreciation of his services to the port of Philadelphia during the past 25 years Mr. Foering was presented with a large

silver loving cup, Major Hancock, who was toastmaster, making the presentation speech. The tables were arranged in the form of a letter F, and were covered with pink roses. The menu was printed on a trading card, with the title embossed in silver and bearing on the reverse the names of the givers of the dinner. Informal toasts to the retiring inspector were made by Colonel John P. Nicholson, S. C. Woolman, E. L. Rogers, Antonio Sands and John D. Shanahan, chief inspector at Buffalo. Others present were: Charles Dunwoody, A. D. Bahmer, R. S. Dewees, G. P. White, Nathan Sellers, George E. Bartol, James B. Canby, E. H. Price, Warner R. Howell, L. G. Graff, Jr., Lee R. McKinstry, H. Brooke, S. L. McKnight, B. Devitt, S. R. Ungre, Charles J. String, J. J. Felin, W. W. Walton, L. K. Passmore, Henry Schwarz, P. A. McClain, Edmund E. Delp, George G. Omerly, William F. Brey, Willis C. MacNutt, James Hancock, Frank L. Neall, E. A. Hancock, William Howell, Jr., J. W. Beatty, James L. King, M. F. Baringer, Joseph Bosler, C. H. James, Frank Evans Marshall, W. R. Brown, John Barker, J. L. Jones, James Hay & Co., W. R. Cornell, Frank Richards, W. P. Brazer, Hubert J. Horan, Morris Miller, Louis Burk, A. E. Brecht, M. N. Willits, Jr., L. G. Logan.

### SOUTHEAST.

Goff & Bush, Winchester, Ky., Mar. 5: All wheat out of farmers' hands here.

A. M. Walthour has purchased the brokerage business of the C. D. Moore Co., Jacksonville, Fla.

Work on William R. Wilson's new grain warehouse on the B. & O. at Wilmington, Del., is progressing rapidly.

The Carolina Rice Mills Co. of Wilmington and Goldsboro, N. C., has erected a plant for the manufacture of flaked rice by a secret process.

Fire underwriters have recently increased the rate on grain elevators 25 per cent at Louisville, Ky. The stock companies had previously refused to write risks at the old rate of 2 per cent.

The Chief Grain Inspectors National Association has voted to hold its next meeting in Memphis if the Grain Dealers National Association meets there, and at the same time.

Thos. H. Botts & Co., Baltimore, Md., Mar. 7: The ice in our harbors and rivers is disappearing, and we look for a revival in trade, particularly in clover seed and coarse grains.

R. L. McKellar, ex-president of the Memphis Merchants Exchange and assistant general freight agent of the Southern Ry., with headquarters in Memphis, was in Chicago recently in the interest of Memphis as the place for the annual meeting of the Grain Dealers National Association. Memphis' earnest efforts merit success.

Carey H. Bacon, a well-known broker of Louisville, Ky., has discontinued his brokerage business there and gone to St. Louis, where he will be connected with the Isaacs-Sherry Grain Co., an important cash grain and export house, with which his father-in-law, Joseph Sherry is a member. Mr. Bacon was formerly connected with the firms of Geo. T. Wood & Co. and Wood, Bacon & Co.

Adams Grain & Provision Co., Charlotte, N. C., Mar. 4: We have been

having regular Chicago weather in this part of the vineyard—snow, floods, etc. For once we realized what sixteen inches of snow meant. Our farmers had great hopes that the dead would be brought to life—the fall sown oats and wheat which had been killed by the December-January freeze, but the snow has been gone ten days and spring-like weather has prevailed, only to disclose the fact that both wheat and oats are a dead loss. And now the demand is on for seed oats with which to replant the fields of the dead crops as soon as the ground is in condition for plowing. This loss to our farmers is serious, seeing that the corn crop last year was a complete failure. The demand for grain and feedstuffs during December, January and February has been the heaviest we have ever known for those months, going to show the utter scarcity of all kinds of foods. Farm work will be in full blast as soon as the ground and weather will permit, and then the demand for grain and provisions of all kinds will be enormous. People and stock that have led a makeshift existence while in idleness, will have to be put on full rations when work begins, and the western packing houses and granaries will be relieved of some of their burdens. And thus it is that we must pay tribute to the great West.

### SOUTHWEST.

Duncan Bros., Braman, Okla., will buy a gasoline engine.

Readers will confer a favor by sending notices of new firms, new elevators and business changes.

F. P. Breckenridge, formerly secretary of the American Exporters Association at New Orleans, La., has severed his connection with that branch of the grain business and resides at New York.

E. P. Clark, Hennessey, Okla., Mar. 4: Still keeps dry; we are beginning to get uneasy about the wheat; if we have rain inside of three weeks we expect a fair crop; consider the soft wheat all gone.

Hunter Bros., who are connected with the large irrigating canal known as the Hunter Canal, are to have a large rice mill erected at Crowley, La. A. Petty has the contract for the mill, which will have a capacity of 1,400 barrels per day.

R. McMillan, chief inspector of the New Orleans Board of Trade, reports that the exports from New Orleans during February amounted to 33,344 bushels of corn, 245,416 bushels of wheat and no oats; compared with 2,483,988 bushels of corn, 1,163,381 bushels of wheat and 364,600 bushels of oats exported during the preceding February.

E. A. Whittington, Durant, I. T., Mar. 6: Price of seed oats is so high few are being sowed, possibly will just about supply home consumption and be nothing to ship in or out; corn crop will be large and the wheat crop too small to be considered at all, will not be enough for mills; no rye or barley is planted here. I am going to change my location.

C. T. Prouty, Kingfisher, Okla.: According to my observations in various parts of the territory, and I suppose that I have talked with five hundred farmers or more, I find that the hard wheat is all right, and if sufficient moisture comes in the future, Oklahoma will have another splendid wheat crop. The plants are all alive, and, while they may appear



dead on the surface, yet an examination will show that the roots of the plant are in good condition. In some localities I find that soft wheat has been damaged to some extent. This may have been caused by too heavy pasturage or dry weather, but, taken as a whole, with rain from this time on there will be a fair crop of soft wheat.

### TEXAS.

Greenville, Tex., is to have a steel grain elevator.

A steel tank grain storage plant is to be erected at Taylor, Tex.

T. C. Cooper's elevator at Lewisville, Tex., valued at \$600, was burned Feb. 20. No insurance.

Readers will confer a favor by sending notices of new firms, new elevators and business changes.

The Old River Rice Irrigation Co. has been incorporated at Wallisville, Tex., with a capital stock of \$50,000.

J. B. Nichols, Crawford, Tex., writes that Seley & Early of Waco, Tex., may enlarge or build if crops are promising.

J. Howard Ardrey is disposing of his mercantile and grain business at Godley with a view of removing to Dallas, Tex., to engage in the wholesale grain trade.

H. Waldo, Collinsville, Tex., Feb. 28: In spite of the high price of seed and the green bug scare, a large acreage of oats is being sown in north Texas.

J. Rosenbaum Grain Co. of Chicago and Ft. Worth will erect a large grain elevator at El Paso, Tex. The increase of trade in that part of the country makes another elevator necessary.

The Midlothian Grain & Elevator Co. of Midlothian, Tex., is rebuilding the elevator it lost by fire Dec. 24. The frame is about up and will be completed by the first of May.

W. A. Gardner & Co., Galveston, Tex., Mar. 3: On account of the failure of the crops the past season, we have practically done no business at all and the prospects for the coming season are not flattering.

C. McD. Robinson, chief inspector of the Galveston Board of Trade, reports that between Sept. 1 and Mar. 1 the exports of wheat amounted to 3,884,449 bushels, compared with 7,403,284 for the corresponding period a year ago.

W. H. Suffern, R. C. Augustine and C. A. Hight of Decatur, Ill., recently visited Houston, Tex., to examine the advantages of Houston, Tex., as a rice milling center. In connection with Houston capitalists they contemplate the erection of a mill.

W. W. Major, Midlothian, Tex., Mar. 4: The wheat crop is suffering for want of rain, but looks surprisingly well to be so dry; if we get rain in two weeks the oat crop will be very short at best, as the acreage is only about one half the usual amount sowed. Farmers are planting corn, but cannot expect a stand until it rains; prospect rather gloomy all the way round.

Jno. B. Nichols, Crawford, Tex., Mar. 1: We are needing rain badly; farmers inform me that oats are coming on wonderfully and wheat under the circumstances is doing well; with rain soon, may make the best crop in years. Lots of corn is now being planted; less land for cotton this year than for several. We made a failure and are buying corn for seed in making crop. Corn is worth 90 cents here.

E. H. Crenshaw, Temple, Tex.: One of the peculiar features of the grain tariff of the Southwestern Freight Committee is that Texarkana has never been listed in any of the rate groups which are used to designate the rate applicable. It does not appear that this could have been an oversight and been continuously repeated in every reissue of the grain tariffs promulgated by this committee or association, as the representative of all the railroads in Texas and the Southwest. It would seem that there must have been some design in failing to list Texarkana in the same group with Clarksville, Paris, Bonham, Sherman, Denison, Gainesville and other north Texas border towns. It would also appear that the Texas railroads, being parties to this agreement whereby Texarkana is left as a point where rates can be manipulated, could be estopped from asking the commission or any one else to protect them from the consequences of their own design, which fails, this year, to work as contemplated.

### WISCONSIN.

Earle & Co. of Tomah, Wis., may put in some new machinery.

R. W. Davis has gone out of the grain business at Marshall, Wis.

Edward Haviland is no longer in the grain business at Prescott, Wis.

Smith & Baumgartner are not in the grain business at Fennimore, Wis.

The Milwaukee Elevator Co. will enlarge the elevator at Walworth, Wis.

Hollensteiner & Broeckert have succeeded Broeckert & Greve at Kiel, Wis.

R. O. Spear of Pardeeville, Wis., is not actively engaged in the grain business.

L. Hoffman is no longer in the grain business at Sheboygan, Wis.

R. H. Mackie has been trying to do a scoop-shovel business at Picketts, Wis.

The Northern Grain Co. will install a feed mill in the elevator at Dale, Wis.

A consolidation of the Board of Trade with the Commercial Club of West Superior, Wis., is proposed.

F. R. Winter writes that J. A. Winter is no longer in the grain business at Little Falls, Wis.

Readers will confer a favor by sending notices of new firms, new elevators and business changes.

Wm. Liebermann, who died last summer, has been succeeded by John Balkausky at Sheboygan, Wis.

A. T. Sanders, Fisk, Wis., Feb. 26: Very little grain of any kind in farmers' hands here now.

Harman & McIntyre, Waldo, Wis., write that probably the grain warehouse will be improved.

H. A. Pieper, St. Cloud, Wis., expects to increase the capacity of his warehouse from 5,000 to 10,000 bushels.

Day & Hauser, Rubicon, Wis., write that a new elevator of 80,000 bushels capacity will be built by the Rubicon Malt-ing & Grain Co.

David Ogilvie of Verona, Wis., is the only regular grain dealer at that place. Scoop-shovel competition occasionally steps in.

The Taylor Feed Co. and Wilkinson & Knapp are not in the grain business at Platteville, Wis. They both conduct feed stores.

Geo. R. Fetherston, Janesville, Wis., Feb. 25: Business very light, no corn

and oats and only a little barley handled this season.

H. H. Moe, Woodford, Wis., Feb. 28: Practically no grain being shipped out of the country this year, the shipment is in not out.

Two Milwaukee bucket-shops, known as the People's and the Cream City, will continue their nefarious traffic, in defiance of the Chamber of Commerce.

J. H. Acker, Tomah, Wis., Feb. 27: Most of the grain (hay, oats and corn) bought here at present has market in the lumber country north.

Scoop-shovel men are operating at stations north and south of Templeton, Wis., on the Wisconsin Central. The regular dealer is James Templeton.

A. C. Parfrey, Richland Center, Wis., is said to have scoop-shovel representatives at Lone Rock, Wis., in competition with G. Gilbertson & Co., the regular dealers.

F. W. Hines, Ellsworth, Wis., Feb. 25: Snow is about all gone and it will be hard on winter grain if it does not snow again and keeps on freezing.

The only private elevator firm at West Superior, Wis., having its offices in the same city is the J. L. Ross Co. The other firms have offices at Duluth, Minn.

William Hoffman, a carpenter at Appleton, Wis., while working on the elevator which the Northern Grain Co. is erecting at that place, fell and broke his leg.

Milwaukee's Chamber of Commerce has amended its constitution by substituting the words first vice-president and second vice-president for the words "two vice-presidents."

W. Buchheit & Son sold out their interest in the grain business at Marshall, Wis., three or four years ago to the American Malting Co., who now operate there.

C. P. & J. Lauson, Milwaukee, Wis.: Discontinue our advertisement in the engines for sale column of the Grain Dealers Journal. We have disposed of all of our second-hand engines.

Harris & Hosler, Reedsburg, Wis., Feb. 25: The wheat crop has been a failure for three or four years; oats and rye are short and the greater part used for ground feed.

J. L. Parchman, manager for Ole Elbertson at Black River Falls, Wis., writes that John Dun will enlarge his elevator at that place from 4,000 to 8,000 bushels capacity.

The Woodworth Elevator Co. of Minneapolis, Minn., has purchased land near Truax, Wis., and will erect an elevator, which will be completed about May 1. John A. McKinnon is their manager.

The Prairie Mill & Elevator Co. has been incorporated at River Falls, Wis. Capital stock, \$20,000; incorporators, J. M. Smith, F. E. Van Voorhis and C. Van Voorhis.

C. H. Gove has entered the firm of Baster & Rase, grain and live-stock buyers and dealers in farm machinery at Winneconne, Wis., and the firm name will hereafter be A. Baster & Co.

F. S. Frost, formerly a member of the Chicago Board of Trade, and now a member of the Milwaukee Chamber of Commerce, has opened an office in Milwaukee and will make that city his permanent residence.

Wm. McNeill, Marshall, Wis., agent for the American Malting Co., Feb. 26: Not much grain raised in this section



last year; nearly all used for home consumption; during the season of 1900-1901 shipped 35,000 bushels of barley, this season will not ship 20,000 bushels. Dairying and stock raising are the principal industries.

The firms of Hansen & Schneider and Bohn & Finke are no longer in the grain business at Mount Horeb, Wis. The only firm is Ward, Bohn & Finke, proprietors of the Model Roller Mills.

W. H. Horton, Delavan, Wis., Feb. 27: There is not much wheat raised here; what wheat and rye there is, is in good condition as yet; crops mostly barley and corn. The principal business is dairying.

The suspension of trading during the noon hour to consider the private business of the Chamber of Commerce is objected to by many of the grain brokers of Milwaukee, who will endeavor to have the ballot taken after the close.

Rudolf Heger, Jefferson, Wis., writes: I am buying barley at Lake Mills for my own use. I have one elevator there and have the use of one of Hubbs & Mills, who are buying for me. I ship all the barley to Jefferson, where I have my malt plant, and reship the malt to other points. On account of the scarcity of feed there isn't any barley to be shipped from these points to the market, as there isn't enough for my own use.

Wallace M. Bell, Milwaukee, Wis., Mar. 1: The Milwaukee Chamber of Commerce has taken a very decided stand against bucket-shops. An amendment to the rules was passed by the members prohibiting members from being in any way connected, or executing orders in or for bucket-shops. It has resulted in all the larger concerns of this kind in this city closing their doors. The committee on market reports has about completed arrangements whereby quotations can be furnished continuously to all parts of the world. Trade in cash grain has been rather quiet for the past week, but the volume of speculative business has been large.

President E. C. Wall of the Milwaukee Chamber of Commerce, states that the put and call decision of the Supreme Court, "while fully expected by us, cannot but stimulate the business of the Milwaukee Chamber of Commerce, as it will undoubtedly cause other Chicago houses to engage in business here. It will also tend to strengthen the price of membership certificates, which are still much below their real value. It is a common thing to get a privilege or option or call, whichever you choose to call it, in buying real estate, and there is no good reason why the same practice should not be followed in buying grain or provisions. The option business in grain and provisions is the life of trade. The Illinois legislation against dealing in privileges that is upheld by this decision was extremely foolish, in my opinion, and now, as Wisconsin has not tumbled into any such silly business, she is in a position to take advantage of the blunder of her sister state."

N. C. Michaels, grain dealer at Campbellsport, Wis., died Feb. 27. He is remembered by many dealers in neighboring towns as one of the most aggressive buyers. The disturbance caused by him over a large extent of territory was mainly responsible for the organization of the state grain dealers association

two years ago. He established a rule among the dealers in his town to take 51 lbs. to the bushel of barley, and by paying the farmer for this extra pound he at once established a name of paying highest prices for his grain, and thereby attracted barley from all his neighboring towns, where dealers would decline to follow the 51-pound rule and were unable to explain to the farmers that they really were not getting more price than being offered at home. The farmer was attracted by the higher price and did not seem to figure the extra pound. This condition affected a territory of fully 50 square miles. Neighboring towns would try to meet competition, and by doing so would affect the next town, which place would again affect the next one, and so on.

## THE SUPPLY TRADE

Let your advertisements represent your goods—not yourself.

To be effective, the illustration in the ad should be pertinent to the article advertised.

A. T. Sitterly, representing the S. Howes Co. of Silver Creek, N. Y., was in Chicago last week.

A gas-engine building plant will be erected in the City of Mexico at a cost of \$100,000, by Jas. Meehan & Sons.

The Rumsey Gas & Gasoline Engine Co., Binghamton, N. Y., has been consolidated with the St. Johnsville Agricultural Works, with C. B. Rumsey as superintendent of the engine department.

The Miller Improved Gas Engine Co., whose plant at Springfield, O., recently was destroyed, has adjusted its loss at \$51,000, and the underwriters have allowed the full insurance, \$15,000.

The W. R. Mumford Co., Chicago, has been doing a big business in mill feed during recent months and the consignments received during the last three months have been greater than ever before.

H. A. Barnard of the Barnard & Leas Mfg. Co. is at the head of a syndicate which last week purchased a 2,000-acre tract near Savanna, Ill., at a cost of \$100,000, with a view to improving the land as a model stock ranch.

P. H. Pelkey, who has been building elevators under different contractors thruout Kansas and Oklahoma for the past few years, has launched out for himself, with headquarters at Winfield, Kan. He has made a favorable working arrangement in this territory with the Marseilles Mfg. Co. of Marseilles, Ill.

The fact that your goods are already being widely advertised is no reason at all for refusing to use publicity. There is as little reason for refusing to compete with advertisers as for refusing to compete in selling. The commodity that cannot be advertised profitably has little reason for being marketed.—Printer's Ink.

The Nordyke & Marmon Co. of Indianapolis, Ind., reports a gratifying increase in the volume of new orders and inquiries during the first two months of the year. To relieve the situation in the iron-working department until the new foundry and machine shops is completed, the large room heretofore used as a storage room for grain cleaners and special machines is being equipped with a full line of the latest machine tools,

thereby nearly doubling the present machine-shop facilities.

Eugene and Fred Brown of Colfax, Wash., are organizing a company to manufacture the wheat elevator invented by them. A factory will be built at Walla Walla by the company, which will have \$25,000 capital, and W. A. Koontz and John L. Sharpstein of Walla Walla and W. H. Babcock of Eureka Junction as the other incorporators. The machine is designed to assist warehousemen in storing sacked grain, an easy mode of elevation taking the place of the manpower method.

The Hall Distributor Co., Omaha, Neb., has recently issued a new booklet on Elevator Leaks and How to Stop Them. It fully describes the Hall Automatic Overflow Signalling Grain Distributor and its method of operation. The booklet is well illustrated and shows the operation of both the old turn spout and the Hall Distributor. An ear corn attachment for elevators that elevate ear corn has recently been perfected. The booklet contains many testimonial letters from satisfied customers.

Secretary E. E. Perry of the Indiana Millers Mutual Fire Insurance Co., writes us: By special action of our board of directors at the last annual meeting we are now prepared to take up vigorously the writing of insurance on good acceptable elevators. In many cases we shall, no-doubt, find elevators not now in condition to meet our requirements. However, as the insurance in this company will cost but about 50 per cent of old line rates, we have no doubt the elevator owners will be willing to make any reasonable changes we may suggest that will make the risk acceptable to us and at the same time reduce their basis rate. Our purpose is to handle this branch of the business in the same manner we do flour mills, and our success in that line speaks for itself.

In spite of the fact that the Huntley Manufacturing Co. last year made what was then considered very large and elaborate additions to its plant at Silver Creek, N. Y., in order to care for additional business, it finds that it will be again compelled to provide more space. To enlarge the wood-working department, another story will be placed on one of the large buildings, which will be equipped with the latest labor-saving tools, such as sanders and glue jointers. In addition to having installed a large line of special iron-working tools last year and an air-compressor plant, the company will install new tools sufficient to materially increase the output of the iron department immediately. This large increase in the machinery equipment will necessitate the installation of a new engine and boiler. Mr. Cranson, the secretary of the company, said to our representative recently: "Never in the history of our business has the outlook been so encouraging and the present situation so satisfactory. In 1901 our sales were a great deal larger than in any former year, and our losses were infinitesimal, which demonstrates that the best class of credit is only too anxious to buy our class of machines. Our orders for January of this year were double those we booked in January, 1901. Our factory is running ten hours a day and we have enough orders on hand to run us steadily for sixty to ninety days. Inquiries are larger than we have ever known them to be; in fact, to sum the whole situation up in a word, we are thoroughly satisfied."



## PATENTS GRANTED

Warren Miller, Murphysboro, Ill., has been granted letters patent, No. 693,729, on a baling press.

Orlan S. Lee, Parsons, Kan., has been granted letters patent, No. 694,166, on a baling press.

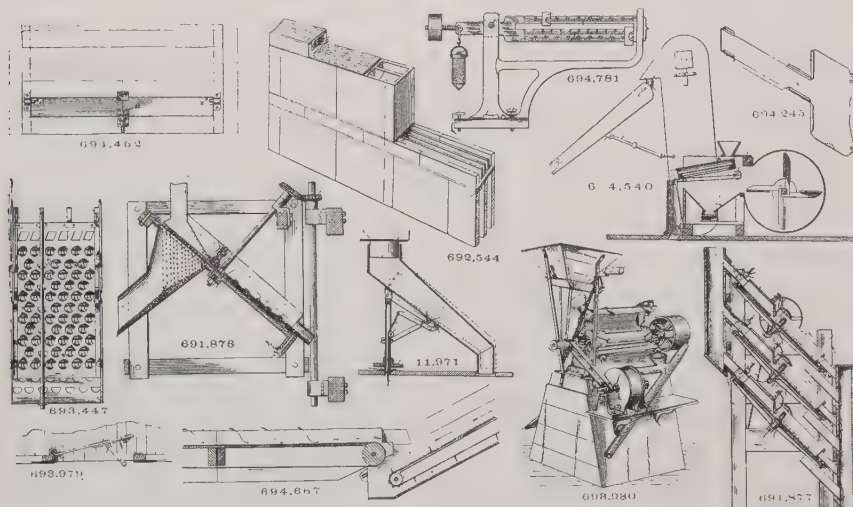
Hugo Junkers, Aix-la-Chapelle, Germany, has been granted letters patent, No. 694,552, on a gas engine.

Chas. F. Lembke, Valparaiso, Ind., has been granted letters patent, No. 694,557, on a rotary explosive engine.

Samuel F. Neill, Bradford, Pa., has been granted letters patent, No. 694,409, on electric igniting apparatus for explosive engines.

Eugene C. Schrootky, Dresden, Germany, has been granted letters patent, No. 693,569, on a method of malting rice.

Louis H. M. Sanson, Dieppe, France, has been granted letters patent, No. 693,110, on a carbureter for explosive engines.



Samuel A. Freeman and Charles E. Throop, Buffalo, N. Y., have been granted letters patent, No. 694,735, on a gas engine.

Warren Sumner and Chas. Hibbard, Sandy Hill, N. Y., have been granted letters patent, No. 694,016, on an explosive engine.

Arthur W. Clayden, Exeter, Eng., has been granted letters patent, No. 693,090, on a gas, gasoline or inflammable vapor engine.

Thomas Myers, New York, N. Y., has been granted letters patent, No. 693,529, on a method of cooling explosive motors by air currents.

Ferdinand E. Canda, New York, N. Y., has been granted letters patent, No. 693,372, on a circuit breaker for electric igniters for explosive.

Howard R. Sheppard, Philadelphia, Pa., has been granted letters patent, No. 694,681, on a vaporizing and igniting device for gas or explosion motors.

Frank Hixon, Ashland, O., assignor of one-half to H. L. McCray, Ashland, O., has been granted letters patent, No. 693,138, on an adjustable chaffer or sieve.

Clarence O. White, Minneapolis, Minn., assignor of one-half to Edward J. Kimball, Minneapolis, Minn., has been granted letters patent, No. 694,708, on a vaporizer for explosive engines.

Almer Thomas, Northeast, Pa., assignor to Albert B. Chapman, Silver

Creek, N. Y., has been granted letters patent, No. 693,926, on a machine for hulling green peas.

Guy B. Petter, Yeovil, and Ernest W. Petter, London, Eng., have been granted letters patent, No. 694,186, on an igniting device for internal combustion engines.

Walter S. McLemore, Estabuchie, Miss., assignor of one-half to Ross Wedgeworth, Estabuchie, Miss., has been granted letters patent, No. 693,983, on a baling press.

Franz Burger, Fort Wayne, Ind., assignor of three-fourths to Henry M. Williams, Fort Wayne, Ind., has been granted letters patent, No. 694,250, on an electric igniter for explosive engines.

Leo A. Brigel, Jr., Cincinnati, O., has been granted letters patent, No. 694,245 (see cut), on a conveyor bucket, comprising a single sheet of metal having interchanging fins upon the bottom and side sections adapted to form seams upon the inside of the bucket when pressed into shape.

Seth A. Crone, New York, N. Y., has been granted letters patent, No. 694,462

centric with the pivot drives the endless belt.

Adolphus D. Francoeur and Geo. L. Francoeur, Concordia, Kan., have been granted letters patent, No. 694,540 (see cut), on a grain cleaner. This machine is designed to clean the grain as delivered from the threshing machine. The cleaner includes a riddle, a hopper below the riddle to catch the grain that drops thru, a blower to direct a blast under the riddle and over the hopper, to winnow the grain as it drops from the riddle, and a shield rising from the threshing machine casing.

Jas. J. Gerber, Minneapolis, Minn., has been granted letters patent, No. 11,971 (see cut), on a distributing spout for grain elevators. The upper end of the inclined grain distributing spout is connected with the discharge opening of the elevator head and the lower end fits into the bin opening. On a pivoted support the spout swings horizontally and vertically. The lower end of the spout is lifted away from the bin opening by a lever, and a cord running to the operator at a distance.

William Van Houten, Sycamore, and Simeon F. Prevatt, Nashville, Ga., have been granted letters patent, No. 693,930 (see cut), on a rice hulling and polishing machine. The hulling and polishing cylinder is contained in a casing having an upper portion hinged on one side and provided on the opposite side with a discharge spout. On the hulling cylinder are longitudinal ribs for hulling and oblique ribs for feeding and discharging. From the cylinder the rice is discharged into the hopper upon the blast pipe.

John Sacora, DeKalb, Ill., has been granted letters patent, No. 693,447, on a grain screen. The screen consists of an upper and a lower frame, each provided with a screen plate having registering apertures, the lower screen frame being formed with longitudinal slots, plates extending thru the slots and having their lower ends passed into the side pieces of the lower screen frame and their upper ends bent over the side pieces of the upper screen frame. The metal of the screen plate is struck up, forming tongues and apertures.

Wm. H. Prinz, Chicago, Ill., has been granted letters patent, No. 694,781 (see cut), on a test scale for maltsters. One end of the scale beam is provided with two graduated scales indicating percentage and reading in opposite directions, and with a graduated scale indicating ounces. To the opposite end is a removable perforated weighing receptacle. The test begins by weighing the barley in the perforated receptacle, which then is placed in the malting floor, the receptacle being taken from the mass and weighed from time to time to note the gain or loss.

Chas. H. Scott, Minneapolis, Minn., has been granted letters patent, No. 691,876 (see cut), on a separator. This machine is designed to separate wheat and oats. The perforations in the disk permit wheat to drop thru, but not oats, unless on end. The disk rotates in an inclined position and the oats are prevented from rising on end by a flexible apron held down by slats. Patent No. 691,877 is a combination of several disks into one machine of greater capacity. The grain is fed to the disks by a hopper at the upper end, and the wheat is pressed out of the perforations by a rolling brush. The oats remaining on the plate are deflected into the discharge opening by a flexible scraper.

(see cut), on a door for grain cars and a locking device therefor. Near the lower edge of the door is a horizontal panel, hinged at the two ends, and locked in closed position by a slotted plate and movable dog at the middle.

John Montgomery, Simcoe, Canada, has been granted letters patent, No. 693,979 (see cut), on a grain car door. A rod parallel to the door post engages the door by means of a hinge slidingly connected with the door, whereby the door is adapted to have swing motion on either the hinge-pintle or the rod, a horizontal reciprocating motion, or a vertical sliding motion.

Jas. L. Record, Minneapolis, Minn., has been granted letters patent, No. 692,544 (see cut), on a tile wall, used in the construction of fire proof grain bins. Courses of hollow tiles are provided with interposed sheets of thin open material extending over the openings in the tiles. Strips of wire netting are placed over the open ends of the tiles and embedded in cement.

Willard C. Rowe, Decatur, Ill., has been granted letters patent, No. 694,667 (see cut), on a feed drag for corn shellers. An inclined section having an endless carrier, and a horizontal extension at its lower end, is combined with a horizontal section having its discharge end swung on a horizontal pivot in the receiving end of the horizontal part of the inclined section. A shaft con-



## DIRECTORY OF REGULAR GRAIN RECEIVERS AND DEALERS

Dealers and Receivers who confine their business to regular grain shippers merit the patronage of such shippers.

### BALTIMORE.

Thos. H. Botts & Co., grain, seeds.  
Chas. England & Co., grain, hay.

### BATTLE CREEK, MICH.

McLane, Swift & Co., grain buyers.

### BUFFALO.

W. W. Alder, strictly commission.  
W. B. Gallagher, damaged grain.  
Dudley M. Irwin, barley.  
Watkins & Anderson, grain and feed.  
S. W. Yantis, grain and feed.

### CHICAGO.

Armour Grain Co., grain buyers.  
Bartlett, Frazier & Co., grain.  
Calumet Grain & Elevator Co., commission merchants.  
A. C. Curry & Co., grain, seeds.  
Dreiske & Hinners, commission.  
L. Everingham & Co., grain, seeds.  
Sam Finney, commission.  
W. A. Fraser, grain commission.  
Gerstenberg & Co., grain, seeds.  
The Glucose Sugar Refining Co., buyers of corn.  
H. Hemmelgarn & Co., commission.  
Lowell Hoyt & Co., grain, hay.  
W. F. Johnson & Co., grain, seeds.  
L. H. Manson & Co., grain, comsn.  
W. H. Merritt & Co., grain, seeds.  
Milmine, Bodman & Co., grain, comsn.  
W. R. Mumford Co., commission.  
Pope & Eckhardt Co., comsn.

### CHICAGO—Continued.

H. W. Rogers & Bro., grain and seeds  
Rosenbaum Bros., receivers, shippers.  
J. Rosenbaum Grain Co., recrs, shprs.  
Rumsey, Lightner & Co., commission.  
James P. Smith & Co., grain.  
E. W. Wagner, receiver and shipper.  
Ware & Leland, grain, seeds.  
Weare Commission Co., commission.  
Van Ness & Wilson, grain receivers.

### CAIRO, ILL.

H. L. Halliday Milling Co., grain.

### CINCINNATI.

Union Grain & Hay Co., grain, hay.

### DAYTON, OHIO.

Schaeffer & Boroff, grain shippers.

### DETROIT.

Burks Grain & Elevator Co., grain.  
C. E. Burns, Oats, Rye, Beans.

### EVANSVILLE.

W. H. Small & Co., grain, seeds.

### GREENVILLE, OHIO.

E. A. Grubbs Grain Co., track buyers.

### INDIANAPOLIS.

Bassett Grain Co., commission.

### KANSAS CITY.

Ernst-Davis Grain Co., commission.

### KENTLAND, IND.

McCray, Morrison & Co., track buyers.

### MEMPHIS.

John Wade & Sons, grain dealers.

### MILWAUKEE.

L. Bartlett & Son Co., commission.  
Franke Grain Co., grain, hay.  
I. H. Lowry & Co., Grain Com'isn.  
M. G. Rankin & Co., Grain and Feed.

### MINNEAPOLIS.

E. A. Brown & Co., comisn.  
Van Dusen-Harrington Co., comsn.

### NEW YORK.

Geo. N. Reinhardt & Co., hay, grain.

### PEORIA, ILL.

P. B. & C. C. Miles, grain commission.

### PHILADELPHIA.

E. L. Rogers & Co., grain, hay.

### PITTSBURG.

Daniel McCaffrey's Sons, grain, hay.  
R. S. McCague, grain, hay.

### PORTLAND, ME.

Edward P. Merrill, grain broker.

### ST. LOUIS, MO.

Daniel P. Byrne & Co., grain, hay.  
Connor Bros. & Co., grain comsn.  
Parrott-Baxter Grain Co.

### TOLEDO.

The Toledo Salvage Co., salvage grain.  
C. A. King & Co., grain, clover seed.  
Reynolds Bros., grain and seeds.  
W. A. Rundell & Co., grain, seeds.  
J. F. Zahm & Co., grain, seeds.

### The Original "TRIUMPH" Sheller

Made of All Iron and Steel. Run Either Way  
TWO STYLES.



NO. 1.

NO. 2.

Shells corn either wet or dry entirely clean from the cob. Sold on a strict guarantee.

HORTON MFG. CO., Painesville, Ohio.



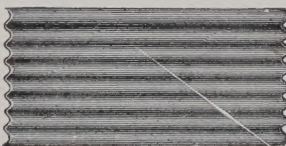
TRIUMPH  
POWER  
CORN SHELDER  
CO. BARTLETT  
& Co.  
CLEVELAND O.



PAT. DEC. 7, '97.

### DUST PROTECTOR

The "Perfection" is made of metal and nickel plated. Air is inhaled through a fine wet sponge and exhaled through an Automatic Valve. Sent post-paid for \$1.50. Clr. free. Address H. S. COVER, South Bend, Ind.



### WE ARE LARGE MANUFACTURERS OF

Steel Roofing, Corrugated Iron, Etc.

We furnish this material in large quantities for grain elevators all over the country. We also take contracts for doing this work complete.

SYKES STEEL ROOFING CO., CHICAGO, ILL.

### Coal Dealers Friend

Is a book of tables which shows at a glance the cost of any number of pounds of coal from 5 to 1995 pounds, at any price per ton from \$1.00 to \$14.00. It is especially adapted for retailers. It is printed on good book paper and bound in cloth, size 4 1/4 x 8 1/2 inches. 110 pages.

PRICE, \$1.00

GRAIN DEALERS COMPANY  
255 LA SALLE ST., CHICAGO, ILL.



### FLOATER GRAIN INSURANCE

Special attention to Open Floater Policies in the best Stock Companies.

Insurance follows grain up and down as the quantity stored in each house changes. Will ALWAYS have insurance where you have grain.

Simple, Sure, Economical. Investigate and you will find it absolute protection and cheap.

Business handled anywhere. Write us.  
H. H. LANTZ & CO., DES MOINES, Iowa.  
25 years' experience. Best of references.



### SEAMLESS COTTON BAGS

A Postal brings Prices and they will be Right.

MILWAUKEE BAG CO., Milwaukee, Wis.



## LOCATIONS FOR ELEVATORS

in Illinois, Iowa and  
Minnesota on the line of the

## Chicago Great Western Ry.

Opportunities for men with capital to invest in paying modern elevators. No section of the country is so free from crop failures. Write for maps and full information.

W. J. REED,

Industrial Agt., C. G. W. Ry.  
604 Endicott Bldg.  
St. Paul, Minn.

### JUST ESTABLISHED



### INDUSTRIAL DEPARTMENT

A guide to permit manufacturers to participate in the golden results obtained in the wealthy section of territory which has so successfully supported the finances of the greatest railway west of Chicago.

WRITE TO

**E. S. WILSON**

INDUSTRIAL AGT., C. & A. Ry., MEXICO, MO.

for complete information. Honest details will be forthcoming, with the result that you can definitely decide whether or not it will prove profitable to establish your business on

**"THE ONLY WAY"**

## LOCATIONS FOR INDUSTRIES.

The name of the Chicago, Milwaukee & St. Paul Railway has long been identified with practical measures for the general upbuilding of its territory and the promotion of its commerce, hence manufacturers have an assurance that they will find themselves at home on the company's lines.

The Chicago, Milwaukee & St. Paul Railway Company's 6,300 miles of railway, exclusive of second track, connecting track or sidings, tra-

NORTH DAKOTA.	MINNESOTA.	NORTHERN MICHIGAN.
SOUTH DAKOTA.	IOWA.	WISCONSIN.
Express Passenger Trains East Freight Trains Throughout	MISSOURI.	ILLINOIS.

verses eight states, which comprise a great agricultural manufacturing and mining territory.

The Chicago, Milwaukee & St. Paul Railway Company gives unremitting attention to the development of local traffic on its lines and, with this in view, seeks to increase the number of manufacturing plants on its system either through their creation by local enterprise or the influx of manufacturers from the East. It has all its territory districted in relation to resources, adaptability and advantages for manufacturing. Specific information furnished manufacturers in regard to suitable locations. Address

**LOUIS JACKSON,**

Industrial Commissioner C., M. & St. P. Railway,  
660 Old Colony Bldg., Chicago, Ill.

## White's Wheat Flakes

Is the most palatable cereal food on the market. A trial will convince you.  
If your grocer does not keep it, write

**T. G. WHITE, Miller,**

**Marion, Iowa.**

## Clark's Decimal Grain Values.

**Saves Time, Money and Prevents Errors.**

It shows at a glance or with the simplest addition the cost of any quantity of grain at any possible market price and reduces pounds to bushels on the same page.

The values are shown directly from the pounds without reducing to bushels.

Quantities are shown in red figures, and values in black. The price being given at top and bottom of columns on each page.

Reductions to bushels are given in two columns, the larger showing the equivalent of the full line, or thousands, in the quantity column; the smaller the hundreds only.

The complete book comprises four sets of tables as follows:

No. 31. Oat Values 10 to 79 cts. per bushel and reducing any weight to bushels of 32 pounds. Bound in manila. Price, \$2.00.

No. 32. Corn, Rye and Flax Seed Values, 10 cts. to \$1.09 per bushel, and reducing any weight to bushels of 56 pounds. Bound in manila. Price, \$2.00.

No. 33. Wheat, Clover, Peas and Potato Values, 30 cts. to \$1.59 per bushel and reducing any weight to bushels of 60 pounds. Bound in manila. Price, \$2.00.

No. 34. Barley and Buckwheat Values, 20 cts. to 1.49 per bushel, and reducing any weight to bushels of 48 lbs. Bound in manila. Price, \$2.00.

These tables can be used for Timothy Seed at 45 pounds per bushel and for Corn in the Ear at 70, 72, 75 and 80 pounds per bushel.

No. 35. The complete book contains the four sets of tables, printed on best linen ledger paper and bound in cloth half leather. Price \$6.00 per copy.

No. 36. The same as No. 35, but printed on 80-lb. book paper. Price \$5.00 per copy.

For any of the above, address

**Grain Dealers Co.,**  
10 Pacific Ave. Chicago, Ill.

## SHIPPERS' RECORD BOOK NO. 20

is designed to facilitate the book-keeping of grain shippers, and to minimize the labor of keeping a complete record of each car shipped. The book is 9 1/2 x 12 inches and contains 100 double pages of superior paper. It is well bound, ruled in two colors, and the column headings clearly printed. Spaces are provided for records of 2,900 car loads.

At top of left-hand page, in bold-faced type, are the words, "IN ACCOUNT WITH," and at top of facing page is dotted line for name of firm to whom grain is sold. It is intended that records of shipments to each firm shall be kept separate. The column headings on the facing pages are: Date of Sale, Date of Shipment, Car No., Initials, Amount Sold, Kind of Grain, Weight, Price, Draft, Remarks, Date Returned, Weight Returned, Overdrawn, Net Proceeds, and Balance.

Wide columns are provided for recording these facts under the respective heads. Price, \$1.75. Express Prepaid, Address

**GRAIN DEALERS COMPANY**  
255 LaSalle St., CHICAGO, ILL.

Remember the name....

**GRAIN DEALERS  
JOURNAL**

Advertise  
....in it

Subscribe for it

## ABOUT DINING CARS.

The verdict given by the general public that the Great Rock Island Route has the Best Dining Car Service in the world, will not be disputed by patrons who have used this line. Thousands of letters testify to this fact. A better meal cannot be secured in any hotel or restaurant in the cities of New York or Chicago than is served in the Rock Island Dining Cars. A la carte on all cars; a splendid lunch served on Colorado trains for 50 cents.

## MANUFACTURERS

Contemplating establishing plants in the West, should take advantage of a location on



**THE PIONEER LINE**  
WEST AND NORTHWEST OF CHICAGO

which reaches the famous

**WATER POWERS,  
COAL FIELDS,  
IRON ORE RANGES,  
HARD AND SOFT LUMBER  
DISTRICTS**

of the West and Northwest, and affords the best means of transportation to the markets of the world.

For further particulars apply to

**MARVIN HUGHITT, Jr.,** **E. D. BRIGHAM,**  
Freight Traffic Mgr. Gen. Freight Agt.  
**CHICAGO**



## JEFFREY ELEVATING CONVEYING MACHINERY



ELEVATOR BUCKETS  
FOR HANDLING GRAIN, CEREALS, ETC.

### ELEVATOR AND MILL SUPPLIES

Our Specialties include Chains, all styles; Sprocket Wheels, Elevator Buckets, Boots, Bolts, Spiral Conveyors, Cable Conveyors, Rubber Belt Conveyors, Shafting, Hangers, Pulleys, Collars, Gearing, Cotton and Leather Belting, Package Elevators, Barrel and Keg Elevators, Etc., Etc.

FOR CATALOG ADDRESS

The Jeffrey Manufacturing Company  
COLUMBUS, OHIO.

## Grain Receiving Ledger FORM 33.

Is designed for use by grain buyers who keep individual accounts and is ruled for facts regarding wagon loads received from farmers. Each book contains 200 pages and each page is ruled for records of 39 wagon loads. The pages are numbered and a good index is bound in front part of book. Each page can be used for one or more accounts as desired. The pages are 8x13 inches and ruled with column headings as follows: Date, Article, Gross, Tare, Net, Bushels and Pounds, Price, Debit, Credit and Remarks. The paper used is heavy linen ledger, bound in heavy cloth covers with Russia back and corners. Price \$2.25.

FOR SALE BY

GRAIN DEALERS COMPANY  
255 LaSalle St., CHICAGO, ILL.

## Reliable Insurance...

on Modern elevators and Contents can be secured at about one-half the rates charged by stock companies by addressing

**MILLERS NATIONAL INS. CO.**

205 La Salle Street, CHICAGO, ILL.

CHARTERED, 1865 ASSETS, \$2,721,893  
NET CASH SURPLUS, \$469,382.27  
W. L. Barnum, Secy.

## HOT CORN WANTED

We will receive, dry, renovate and reload, for owners account all kinds of grain in heating or damaged condition, making the same merchantable and restoring to grade where possible.

Small Charges. Prompt Service.  
Correspondence Solicited.

## CHICAGO GRAIN SALVAGE CO.,

707 Tacoma Building,  
CHICAGO.

The Renovation of Fire Salvage Grain a Specialty.

## CLARK'S CAR REGISTER

is designed especially to facilitate finding of record of any car. A time and labor saver. Invaluable to receivers.

Grain Dealers Co., Chicago, Ill.

## INDIANA MILLERS

### MUTUAL FIRE INSURANCE COMPANY

OF INDIANAPOLIS, IND.

JAN. 1, 1902.

Gross Premium Notes.....\$697,501.33  
Surplus to Policy Holders..... 697,351.55  
Dividends Paid Policy Holders..... 238,566.84  
Cash Assets..... 119,924.77

### MILLS AND ELEVATORS ONLY PURELY MUTUAL

A liberal policy issued.

Losses paid when adjusted and NO DISCOUNT demanded. Address,

E. E. PERRY, Secretary.

## Insure GRAIN and ELEVATORS

In the Michigan Millers Mutual Fire Insurance Co., of Lansing, Mich.

21 YEARS' Successful Business.

NET CASH SURPLUS, \$214,743.50.  
50% Dividends Paid 1899 1900 1901

## Grain Trade Books

of all kinds can be obtained at the office of the

GRAIN DEALERS JOURNAL, CHICAGO.

## Clark's Record OF CARS SHIPPED.

Is adapted for the use of country grain shippers, to keep a record of all cars of grain shipped. This book is 9 1/2 x 12 inches and has space for 2500 cars. The leaves are made of ledger paper, ruled for date sold, date shipped, car number, initials, to whom sold, destination, grain, grade sold, their inspection, discount, amount freight, our weight, bushels, destination bushels, over, short, price, amount freight, other charges and remarks. It is well bound in strong board covers, with leather back and corners. Price \$1.50.

GRAIN DEALERS COMPANY

10 Pacific Ave., Chicago, Ill.

## Clark's Record for Wagon Loads Received

Is for the use of country grain dealers. It is 9 1/2 x 12 inches, contains 160 pages and has room for records of 3000 loads. It is ruled for date, name, kind, gross and tare, net pounds, bushels, pounds, cents, dollars, cents and remarks. This book is printed on strong white ledger paper and bound in board covers, with leather back and corners.

Price \$1.50.

For Sale by

GRAIN DEALERS COMPANY,

10 Pacific Avenue,

Chicago, Ill.

# Polk's Directory

## of the entire Grain, Seeds, Elevator, Milling and Baking

Interests of the United States

Addresses of all Grain Commission Men, Grain Shippers, Dealers, Buyers, Elevators (with power and capacities), Grain Machinery, Supplies, and all interests pertaining to the Grain Trade.

SECOND EDITION NOW IN COURSE OF PREPARATION.

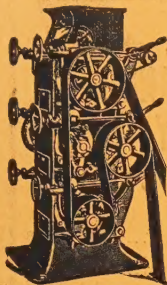
**R. L. POLK & CO.,** 122 La Salle Street,  
CHICAGO, ILL., U. S. A.

OFFICES IN FOURTEEN PRINCIPAL CITIES.

ORDERS RECEIVED AT GRAIN DEALERS JOURNAL OFFICE.



## Corn and Feed Mills



It...  
Pays

to have one  
in connection with  
an elevator,  
and to have the  
BEST one.

Ours has no equal in STRENGTH, DURABILITY,  
EFFICIENCY, CONVENIENCE, CAPACITY, and  
QUALITY OF WORK.

Several Sizes. Prices Very Reasonable.

**Allis-Chalmers Company,**

GENERAL OFFICES:

**CHICAGO, - ILLINOIS.**

4 Roll and 6 Roll  
Gear or Belt Drive  
for Slow Roll.

### What's the Use

Of trying to get along without

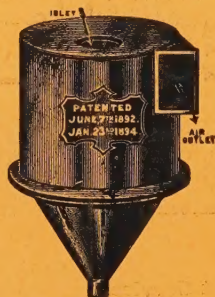
**DAY'S DUST COLLECTING  
SYSTEM**

When it will handle your dust and  
refuse automatically, and give  
you a CLEAN Elevator.

It will give you the best safeguard  
against FIRE.

It will save labor. It will save in-  
surance. It will save time and  
money. It will pay for itself many  
times over. Any valid reason why  
you should not have it?

POSTAL FOR THE NEW BOOKLET, "DUST  
COLLECTING AND FUEL FEEDING."



That's DAY'S  
Dust Collector.  
There is no other like it

**H. L. DAY**



1122-26 YALE PLACE  
MINNEAPOLIS, MINN.

## 25 YEARS SUCCESS

in the manufacture of supplies  
for **GRAIN ELEVATORS** has  
enabled us to perfect many  
machines and devices which  
make the work of the elevator  
man easier and the results of  
his business much more satis-  
factory.

Write for our special catalogs  
M. and K2.

## WEBSTER MFG. CO.

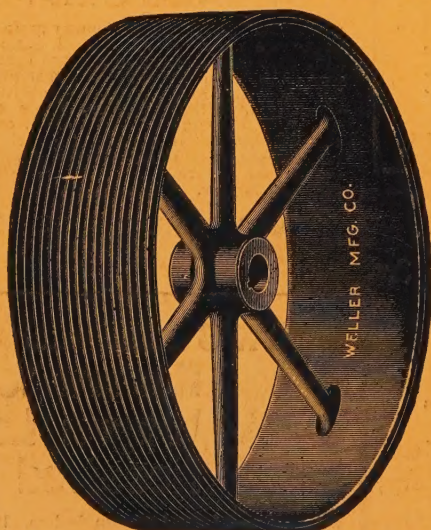
EASTERN BRANCH  
38 Dey St.  
NEW YORK CITY.

1075-1097 West 15th St.  
CHICAGO

## WELLER MANUFACTURING CO.

... MANUFACTURERS OF ...

**GRAIN HANDLING AND POWER  
...TRANSMITTING MACHINERY...**



**GRAIN ELEVATOR SUPPLIES OF EVERY  
DESCRIPTION.**

NEW CATALOG, NO. 17, OF 400  
PAGES SENT ON APPLICATION.

**GENERAL OFFICES: 118-126 NORTH AVE.,  
CHICAGO.**

## FAIRBANKS MORSE & CO.

**GAS AND  
GASOLINE  
ENGINES**

STATIONARY  
PORTABLE and  
MARINE

CHICAGO, ILL., U.S.A.  
DETROIT, CLEVELAND,  
CINCINNATI, INDIANAPOLIS,  
LOUISVILLE, ST. LOUIS,  
KANSAS CITY, ST. PAUL,  
MINNEAPOLIS, OMAHA,  
DENVER, SAN FRANCISCO,  
LOS ANGELES, PORTLAND ORE.



**TWO GREATEST POWERS  
ON EARTH**